

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040045.D
 Acq On : 31 Jan 2024 13:58
 Operator : JC/MD
 Sample : P1187-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	89828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67751	46.865	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.720%		
35) Dibromofluoromethane	5.385	113	50402	44.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.340%		
50) Toluene-d8	8.647	98	186967	43.813	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.620%#		
62) 4-Bromofluorobenzene	11.079	95	70318	42.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5545	5.481	ug/l	95
3) Chloromethane	1.294	50	5476	5.707	ug/l #	87
4) Vinyl Chloride	1.374	62	4091	4.610	ug/l	100
5) Bromomethane	1.593	94	4151	4.812	ug/l	98
6) Chloroethane	1.678	64	2893	4.938	ug/l	90
7) Trichlorofluoromethane	1.886	101	6299	4.461	ug/l	92
8) Diethyl Ether	2.130	74	2322	4.652	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	5584	5.301	ug/l	96
10) Methyl Iodide	2.453	142	5793	5.166	ug/l	93
11) Tert butyl alcohol	2.959	59	7581	28.900	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	5321	5.267	ug/l	95
13) Acrolein	2.239	56	5752	22.887	ug/l	94
14) Allyl chloride	2.660	41	9516	5.225	ug/l	95
15) Acrylonitrile	3.062	53	18069	27.498	ug/l	97
16) Acetone	2.380	43	18719	27.635	ug/l	96
17) Carbon Disulfide	2.514	76	14631	4.953	ug/l	99
18) Methyl Acetate	2.703	43	9168	5.713	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	18254	5.274	ug/l	99
20) Methylene Chloride	2.782	84	6668	5.539	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	5935	5.334	ug/l	90
22) Diisopropyl ether	3.763	45	18694	5.299	ug/l	96
23) Vinyl Acetate	3.721	43	79511	25.185	ug/l	100
24) 1,1-Dichloroethane	3.611	63	11038	5.463	ug/l	96
25) 2-Butanone	4.556	43	24012	25.501	ug/l	93
26) 2,2-Dichloropropane	4.471	77	6751	4.282	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	6096	4.910	ug/l	96
28) Bromochloromethane	4.891	49	4770	5.063	ug/l	92
29) Tetrahydrofuran	5.007	42	15232	25.442	ug/l	99
30) Chloroform	5.099	83	11123	5.127	ug/l	98
31) Cyclohexane	5.464	56	8386	4.631	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	8530	4.581	ug/l	99
36) 1,1-Dichloropropene	5.696	75	7983	4.837	ug/l	99
37) Ethyl Acetate	4.714	43	8806	4.886	ug/l	97
38) Carbon Tetrachloride	5.678	117	7027	4.450	ug/l	92
39) Methylcyclohexane	7.379	83	9006	4.485	ug/l #	86
40) Benzene	6.037	78	23067	4.799	ug/l	99

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Quant Time: Feb 01 05:12:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	4195	4.590	ug/l #	80
42) 1,2-Dichloroethane	6.092	62	9006	4.867	ug/l	95
43) Isopropyl Acetate	6.342	43	13225	4.653	ug/l	98
44) Trichloroethene	7.129	130	6103	4.825	ug/l	92
45) 1,2-Dichloropropane	7.433	63	5815	4.582	ug/l	97
46) Dibromomethane	7.580	93	4541	4.767	ug/l	95
47) Bromodichloromethane	7.824	83	7770	4.580	ug/l	100
48) Methyl methacrylate	7.696	41	6899	4.927	ug/l	96
49) 1,4-Dioxane	7.671	88	3073	101.002	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	46499	23.966	ug/l	96
52) Toluene	8.720	92	14392	4.804	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	6799	3.864	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	7868	4.190	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	5656	4.561	ug/l #	87
56) Ethyl methacrylate	9.116	69	8020	4.429	ug/l	97
57) 1,3-Dichloropropane	9.311	76	9951	4.872	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.244	63	21792	23.931	ug/l	97
59) 2-Hexanone	9.427	43	35643	23.041	ug/l	100
60) Dibromochloromethane	9.518	129	5367	4.307	ug/l	98
61) 1,2-Dibromoethane	9.610	107	6208	4.630	ug/l	99
64) Tetrachloroethene	9.275	164	4877	5.054	ug/l	95
65) Chlorobenzene	10.079	112	15665	5.110	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	4954	4.786	ug/l	94
67) Ethyl Benzene	10.195	91	26749	4.864	ug/l	96
68) m/p-Xylenes	10.299	106	19741	9.541	ug/l	96
69) o-Xylene	10.640	106	9626	4.905	ug/l	96
70) Styrene	10.659	104	15510	4.689	ug/l	98
71) Bromoform	10.799	173	3414	4.309	ug/l #	95
73) Isopropylbenzene	10.963	105	25850	4.893	ug/l	99
74) N-amyl acetate	10.841	43	9995	4.156	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	9558	4.813	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	7454m	4.758	ug/l	
77) Bromobenzene	11.195	156	6273	5.148	ug/l	99
78) n-propylbenzene	11.305	91	30329	4.666	ug/l	100
79) 2-Chlorotoluene	11.366	91	18647	4.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21507	4.736	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	1594	3.170	ug/l #	69
82) 4-Chlorotoluene	11.457	91	21240	4.729	ug/l	99
83) tert-Butylbenzene	11.713	119	19831	4.564	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	21634	4.774	ug/l	99
85) sec-Butylbenzene	11.890	105	25561	4.440	ug/l	99
86) p-Isopropyltoluene	12.012	119	20997	4.466	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	11344	4.615	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	12952	5.147	ug/l	95
89) n-Butylbenzene	12.335	91	20340	4.458	ug/l	97
90) Hexachloroethane	12.536	117	3251	4.376	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	12200	5.147	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1955	4.343	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	6591	4.448	ug/l	96
94) Hexachlorobutadiene	13.725	225	2713	4.648	ug/l	97
95) Naphthalene	13.774	128	21524	4.277	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	6743	4.603	ug/l	97

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ClientSampleId :
LOQ-WATER-02-QT1-2024

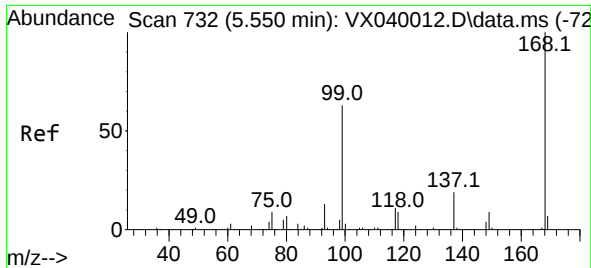
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

Quant Time: Feb 01 05:12:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

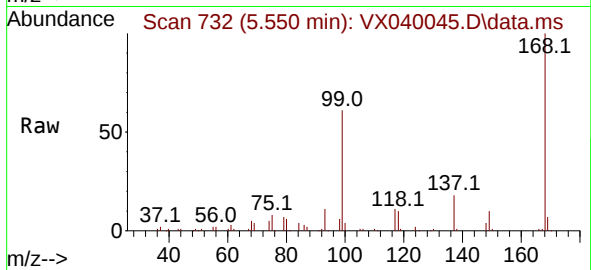
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

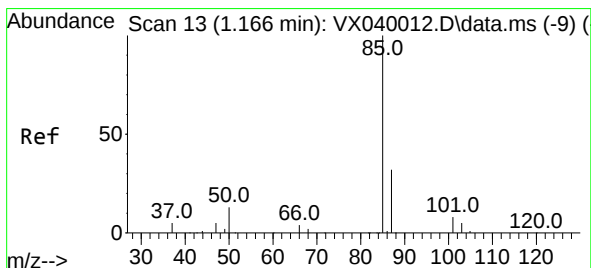
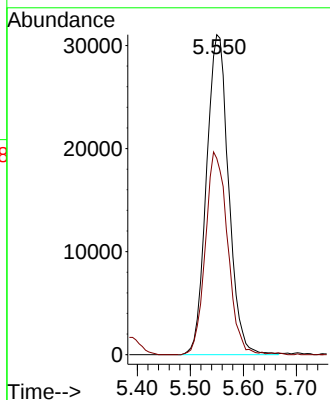
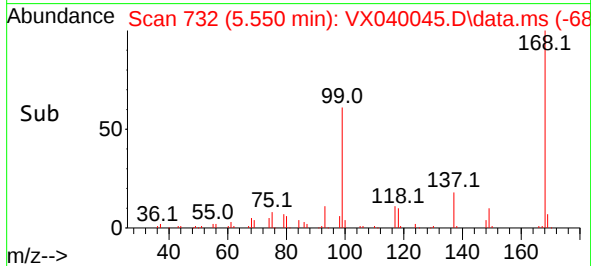
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:168 Resp: 89828
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0

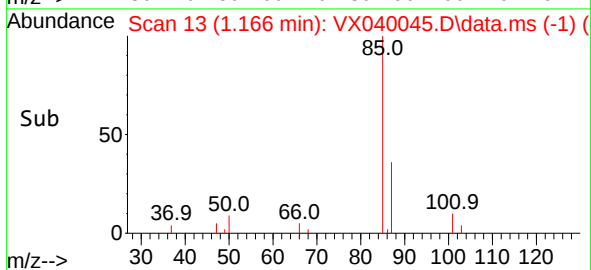
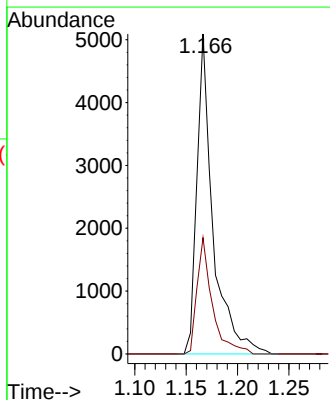
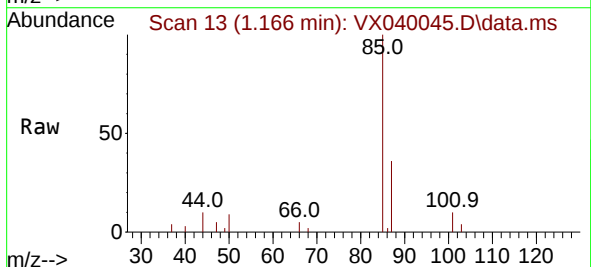
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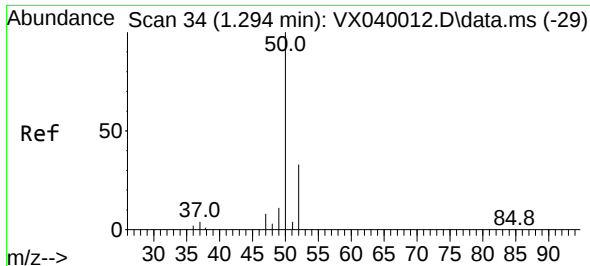
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#2
Dichlorodifluoromethane
Concen: 5.481 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

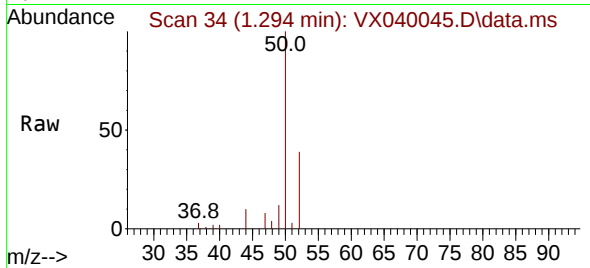
Tgt Ion: 85 Resp: 5545
Ion Ratio Lower Upper
85 100
87 36.4 16.7 50.1





#3
Chloromethane
Concen: 5.707 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

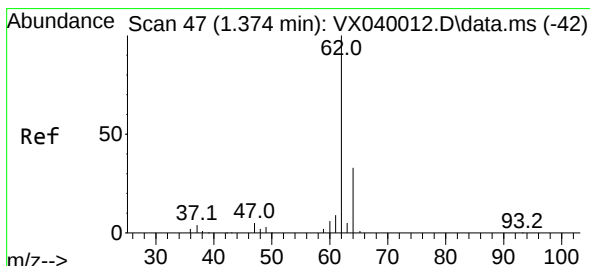
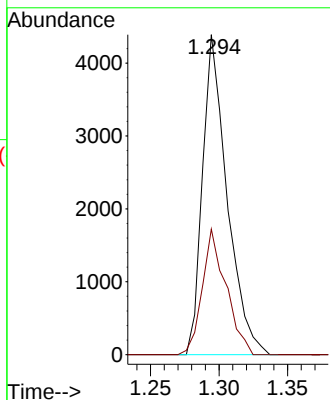
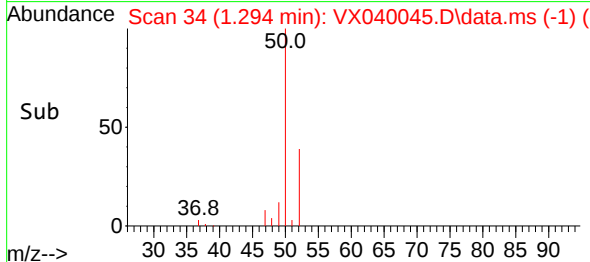
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 50 Resp: 5470
Ion Ratio Lower Upper
50 100
52 39.2 25.5 38.3

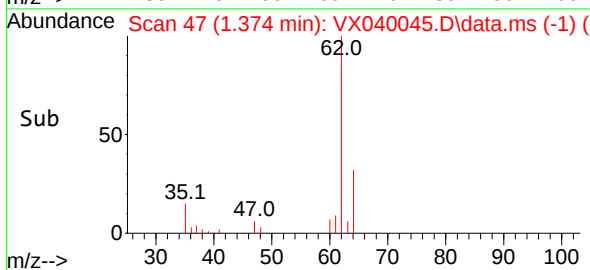
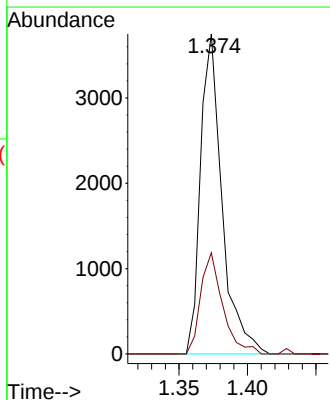
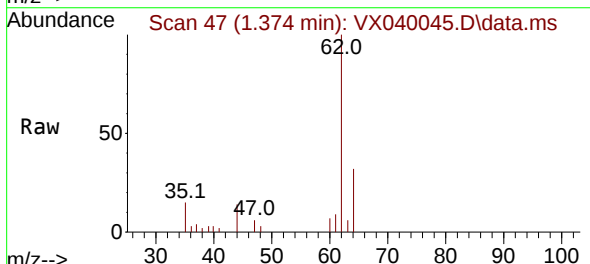
Manual Integrations
APPROVED

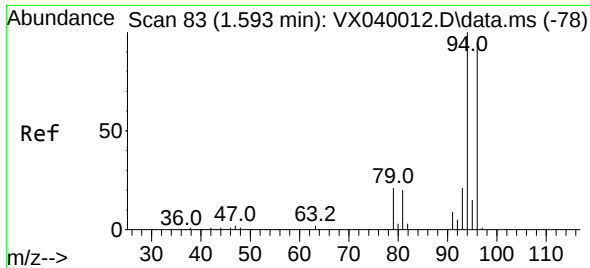
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#4
Vinyl Chloride
Concen: 4.610 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

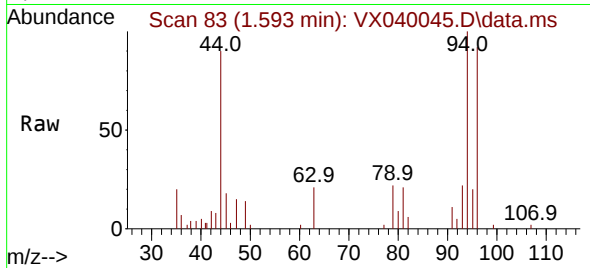
Tgt Ion: 62 Resp: 4091
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 4.812 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

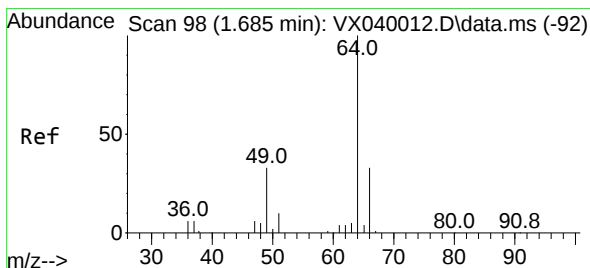
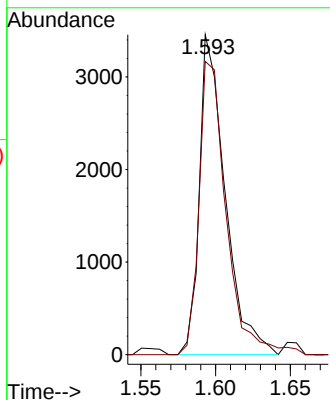
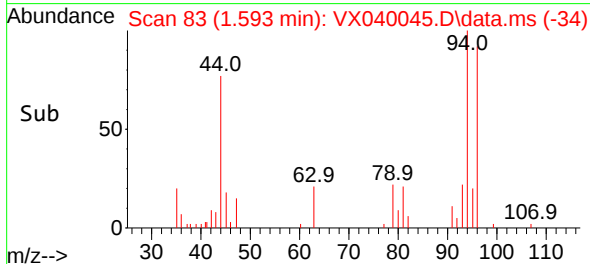
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 94 Resp: 415
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

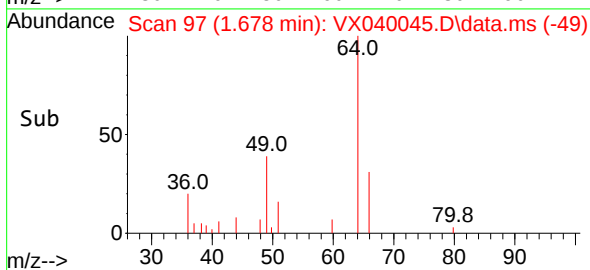
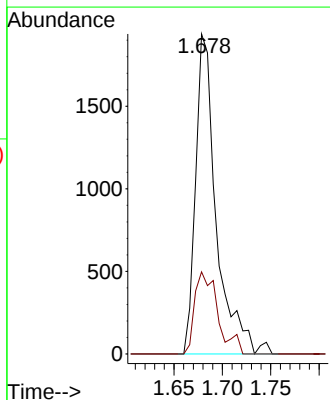
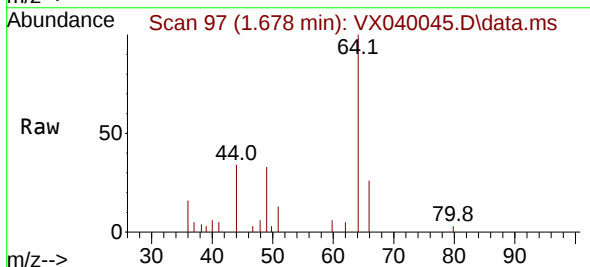
Manual Integrations
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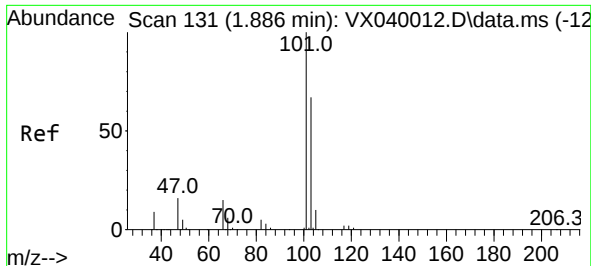
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#6
Chloroethane
Concen: 4.938 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040045.D
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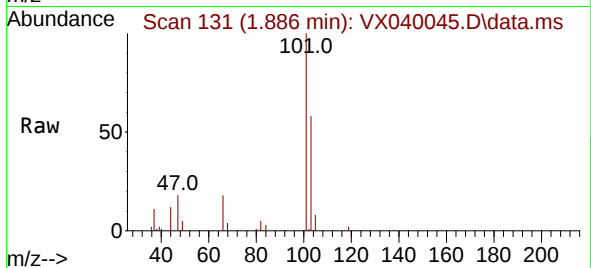
Tgt Ion: 64 Resp: 2893
Ion Ratio Lower Upper
64 100
66 25.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 4.461 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

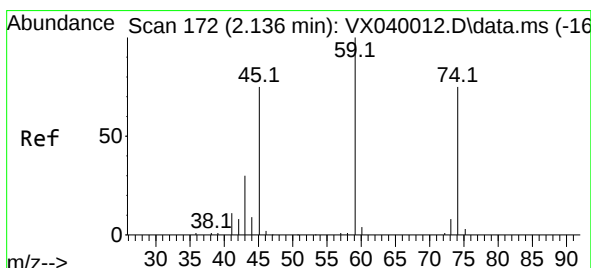
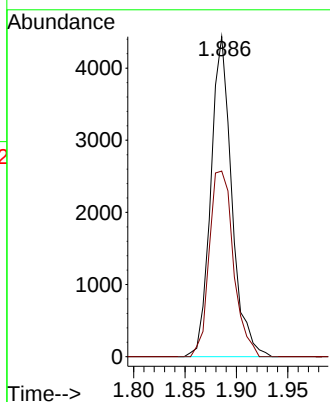
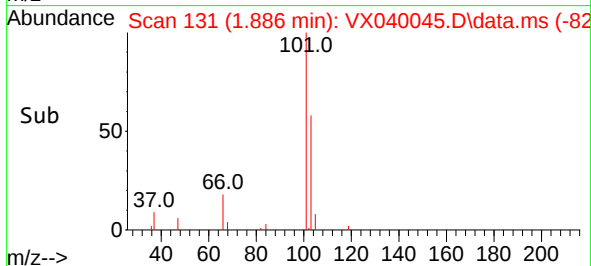
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:101 Resp: 6299
Ion Ratio Lower Upper
101 100
103 58.0 51.4 77.2

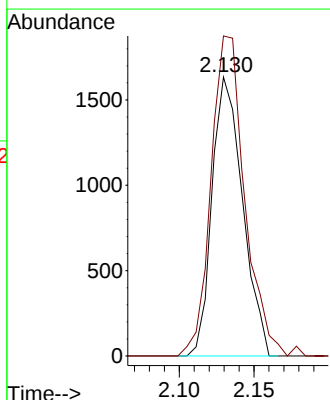
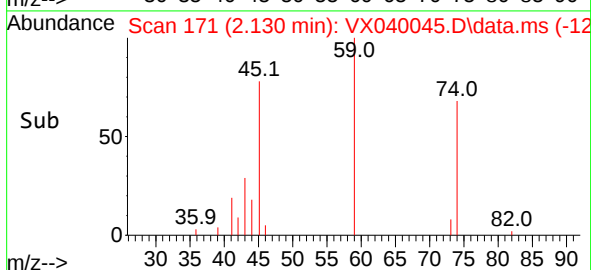
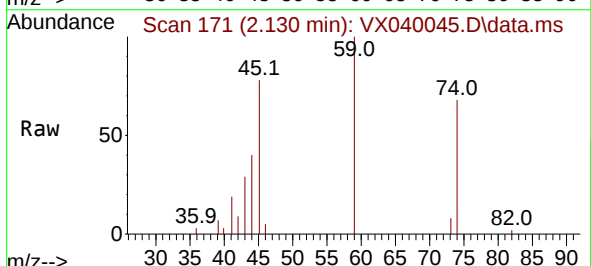
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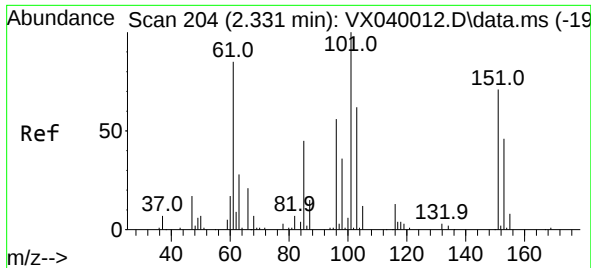
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#8
Diethyl Ether
Concen: 4.652 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

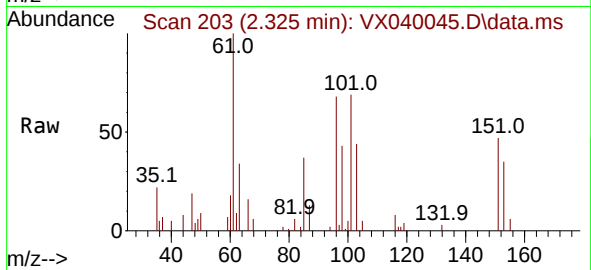
Tgt Ion: 74 Resp: 2322
Ion Ratio Lower Upper
74 100
45 127.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.301 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

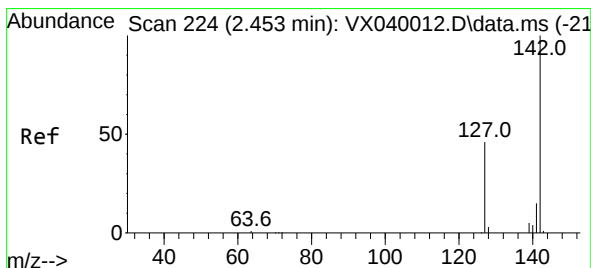
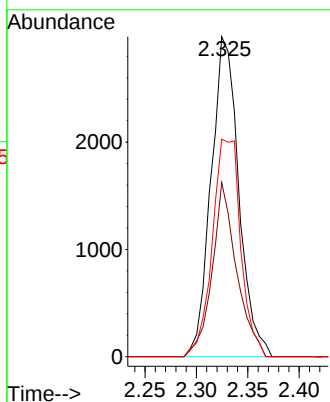
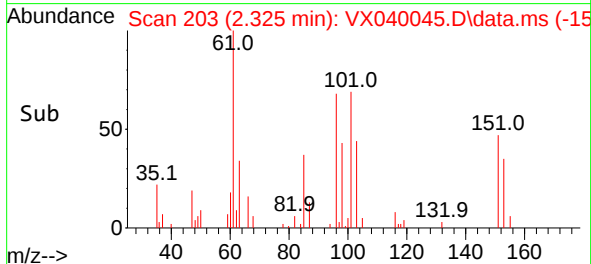
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:101 Resp: 5584
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 69.6 58.6 87.8

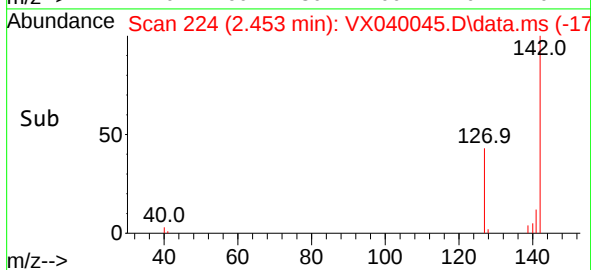
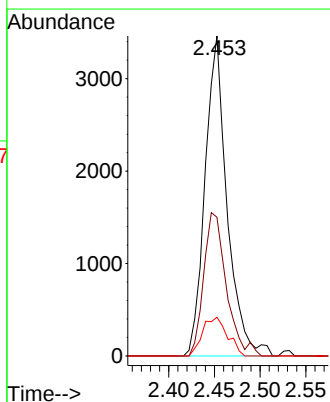
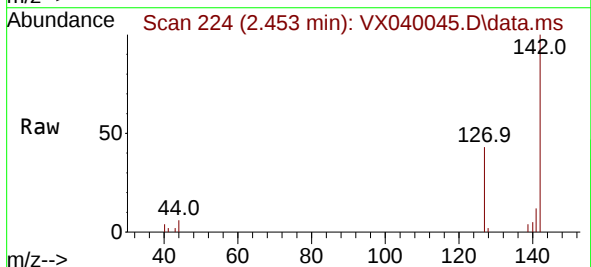
Manual Integrations
APPROVED

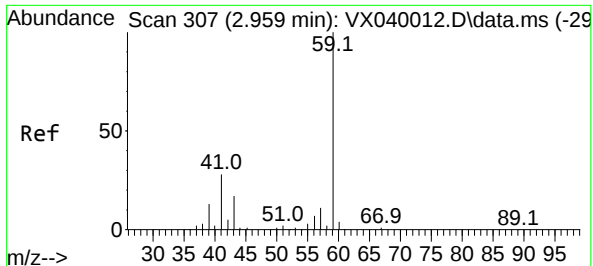
Reviewed By :John Carbone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 5.166 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion:142 Resp: 5793
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 28.900 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 59 Resp: 758

Ion Ratio Lower Upper

59 100

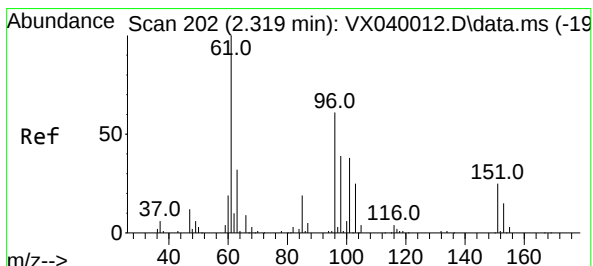
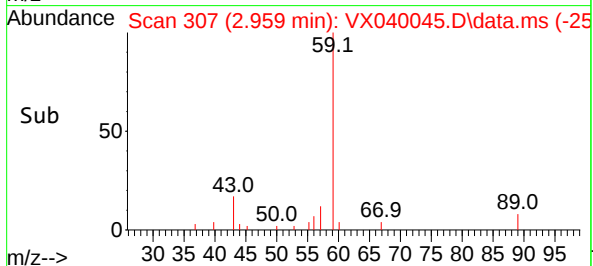
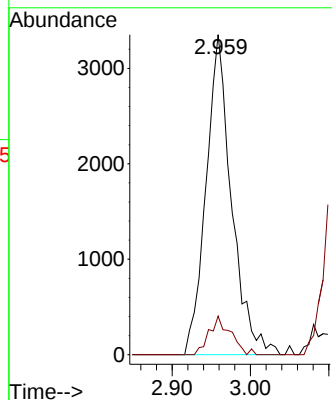
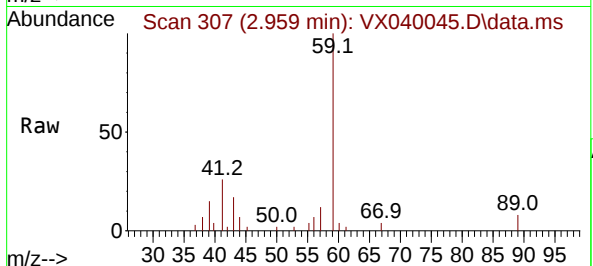
57 10.1 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#12

1,1-Dichloroethene

Concen: 5.267 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

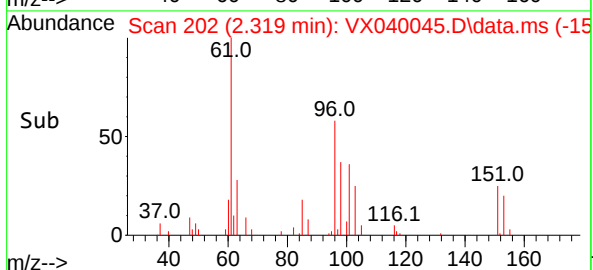
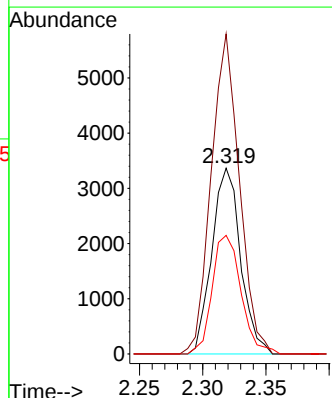
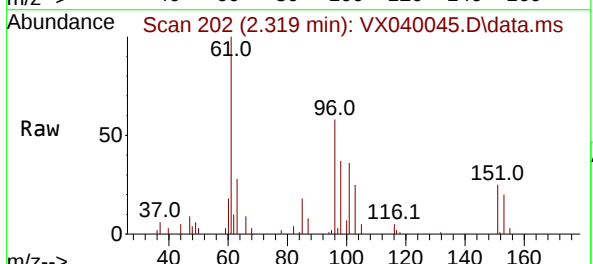
Tgt Ion: 96 Resp: 5321

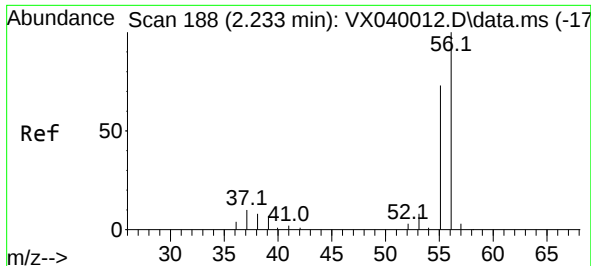
Ion Ratio Lower Upper

96 100

61 172.3 144.6 216.8

98 63.8 50.4 75.6





#13

Acrolein

Concen: 22.887 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

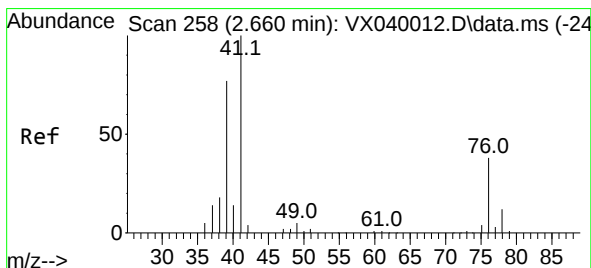
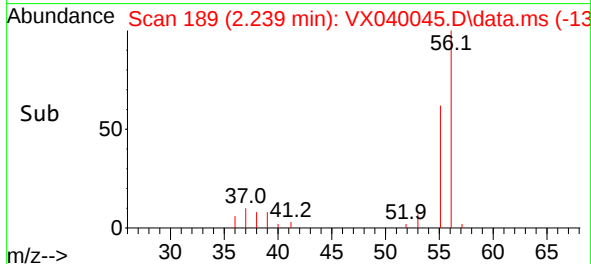
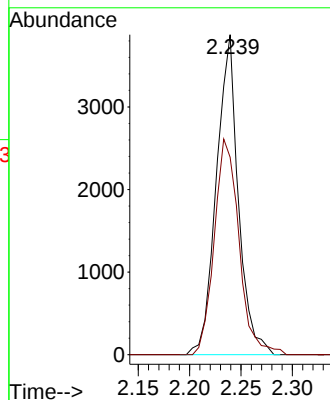
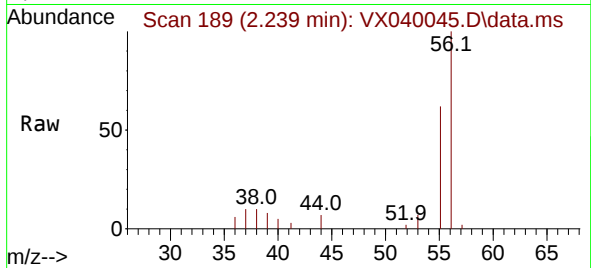
Tgt Ion: 56 Resp: 5752
 Ion Ratio Lower Upper
 56 100
 55 76.0 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#14

Allyl chloride

Concen: 5.225 ug/l

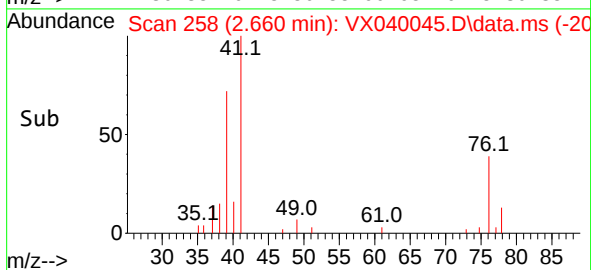
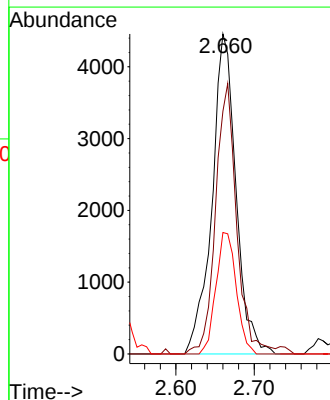
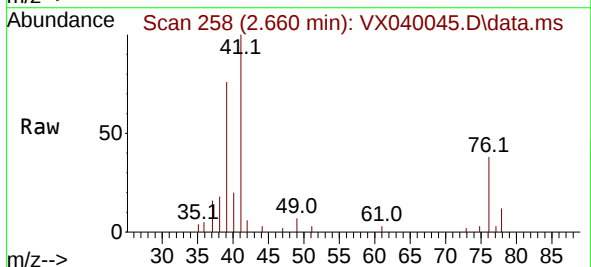
RT: 2.660 min Scan# 258

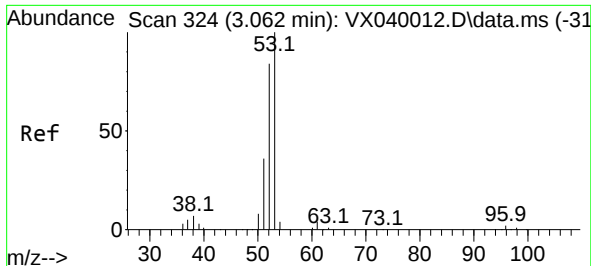
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion: 41 Resp: 9516
 Ion Ratio Lower Upper
 41 100
 39 74.2 55.8 83.6
 76 32.1 24.3 36.5





#15

Acrylonitrile

Concen: 27.498 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX040045.D

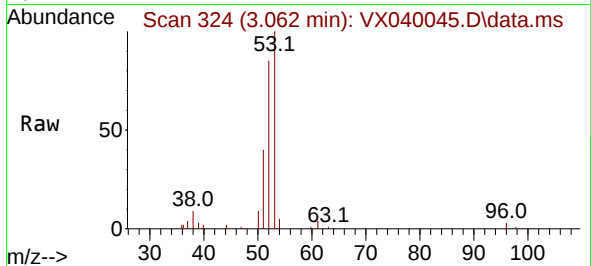
Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

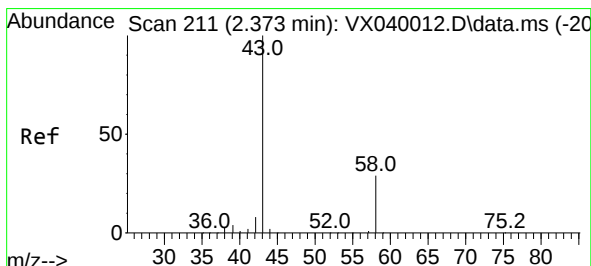
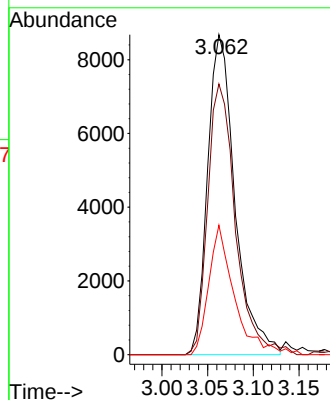
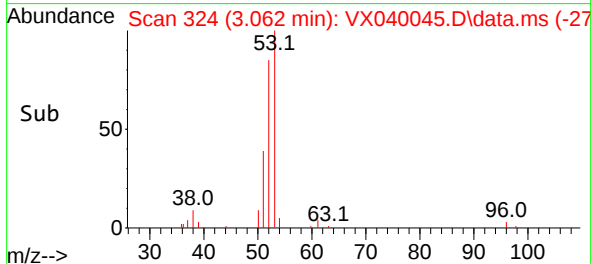


Tgt Ion: 53	Resp: 18069
Ion Ratio	Lower Upper
53	100
52	85.8 66.0 99.0
51	38.0 29.8 44.6

Manual Integrations
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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#16

Acetone

Concen: 27.635 ug/l

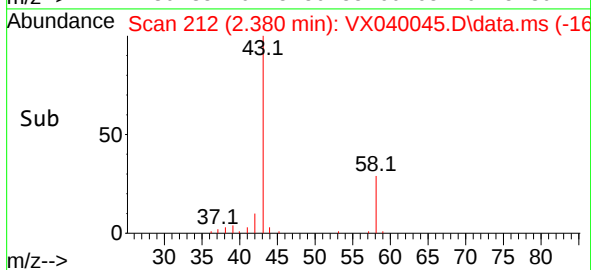
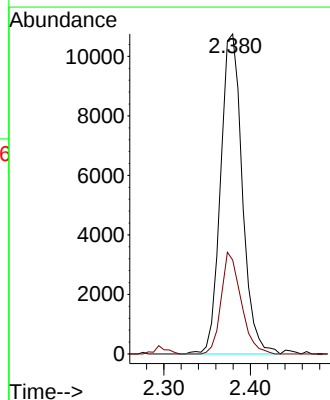
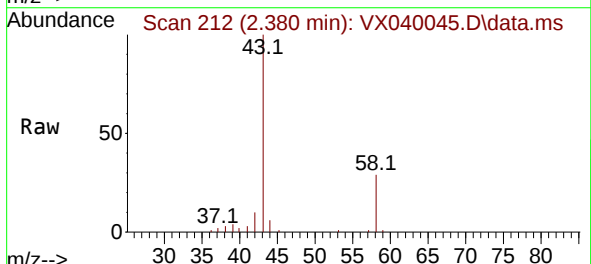
RT: 2.380 min Scan# 212

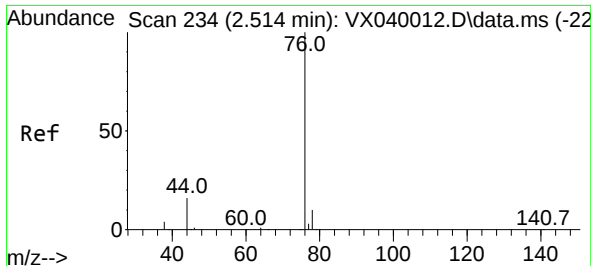
Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion: 43	Resp: 18719
Ion Ratio	Lower Upper
43	100
58	29.3 21.9 32.9





#17

Carbon Disulfide

Concen: 4.953 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040045.D

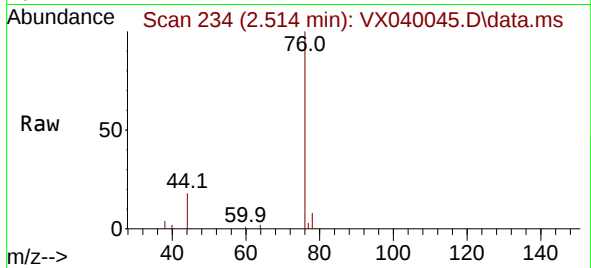
Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 1463

Ion Ratio Lower Upper

76 100

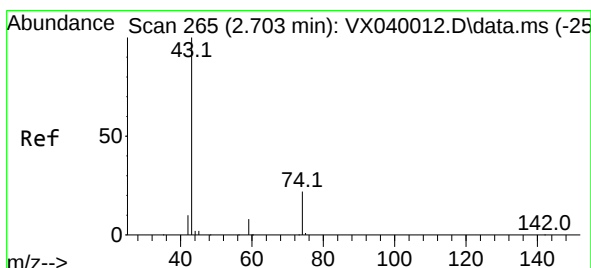
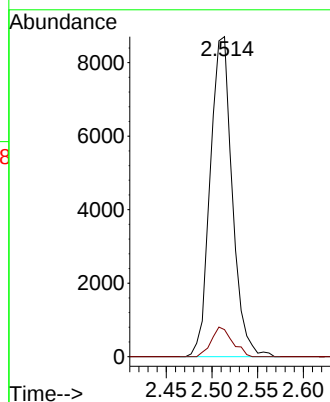
78 8.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#18

Methyl Acetate

Concen: 5.713 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040045.D

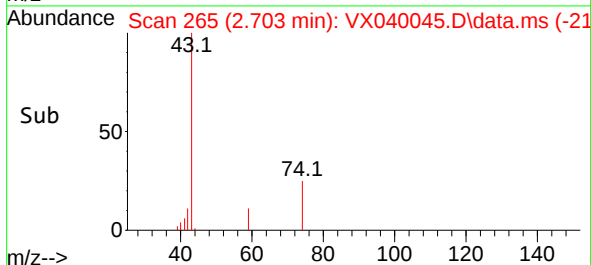
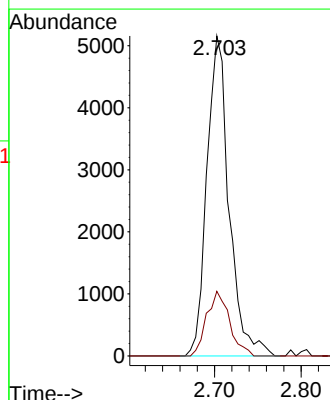
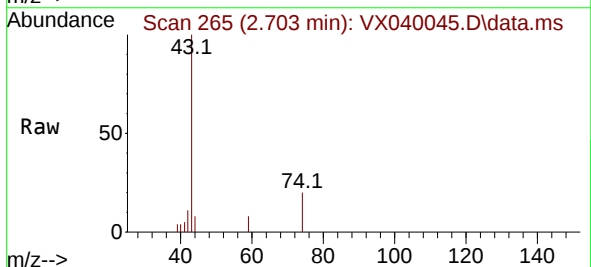
Acq: 31 Jan 2024 13:58

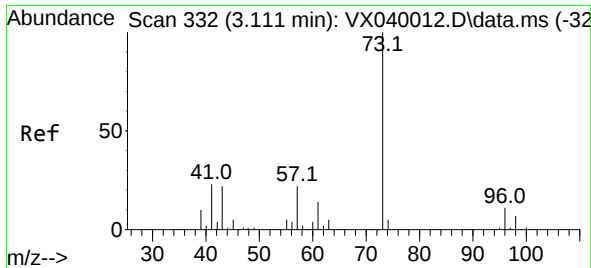
Tgt Ion: 43 Resp: 9168

Ion Ratio Lower Upper

43 100

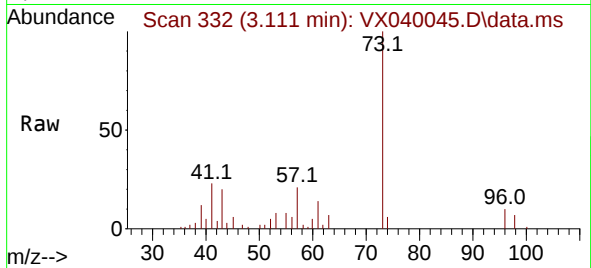
74 20.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 5.274 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

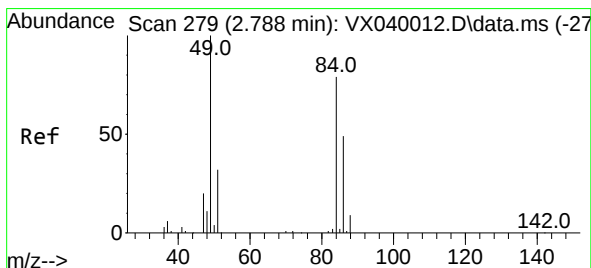
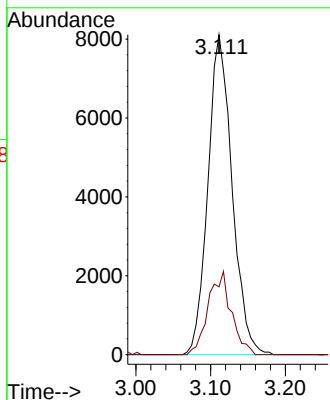
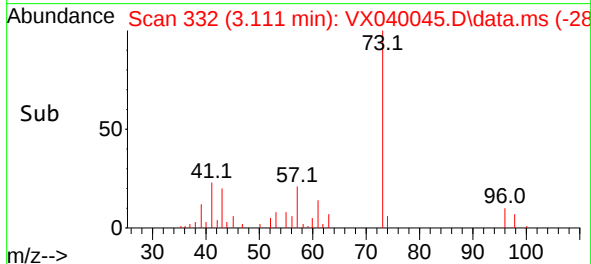
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 18254
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

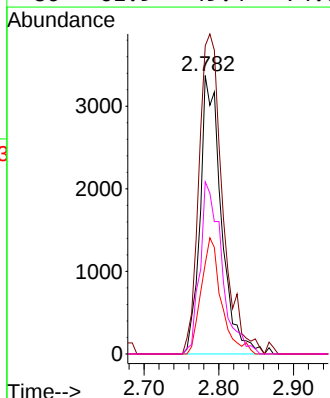
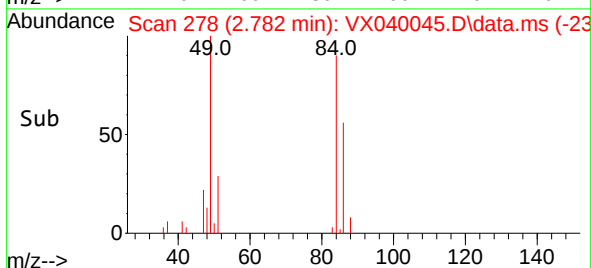
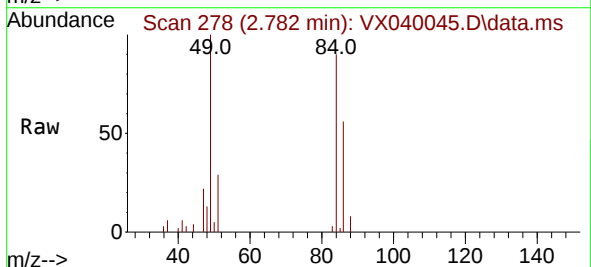
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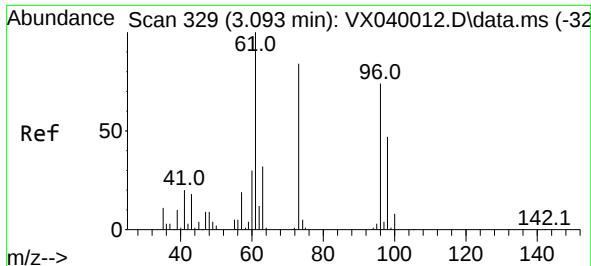
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#20
Methylene Chloride
Concen: 5.539 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

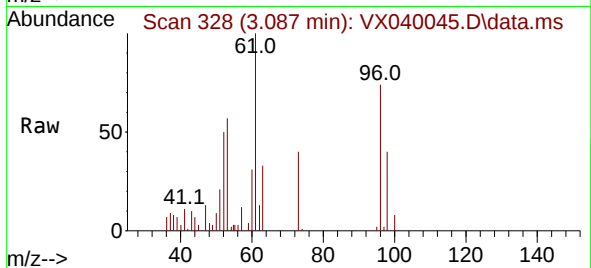
Tgt Ion: 84 Resp: 6668
Ion Ratio Lower Upper
84 100
49 110.7 103.6 155.4
51 32.4 33.8 50.6#
86 61.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.334 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

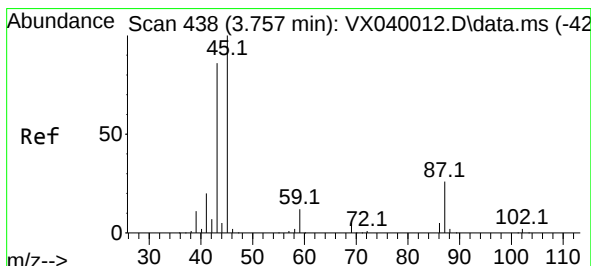
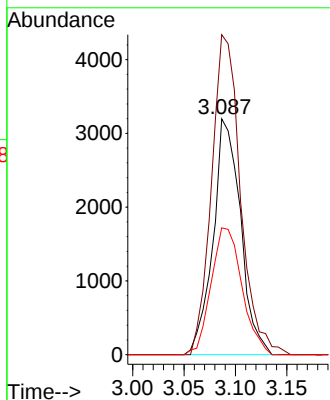
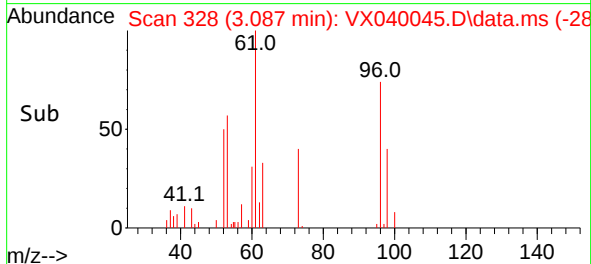
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



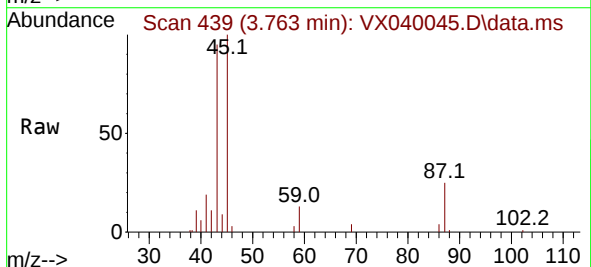
Tgt Ion: 96 Resp: 5938
Ion Ratio Lower Upper
96 100
61 135.7 119.2 178.8
98 53.8 48.7 73.1

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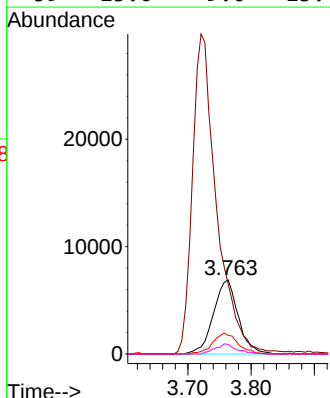
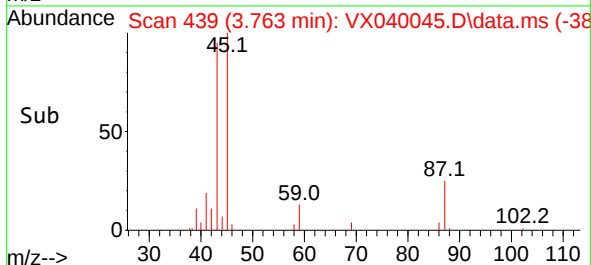
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

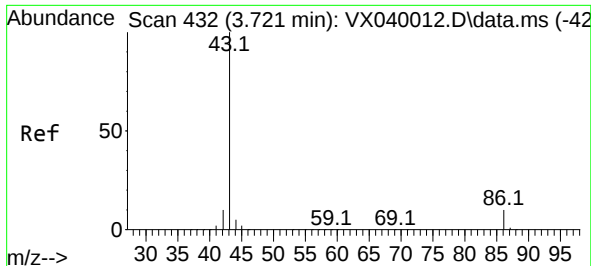


#22
Diisopropyl ether
Concen: 5.299 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58



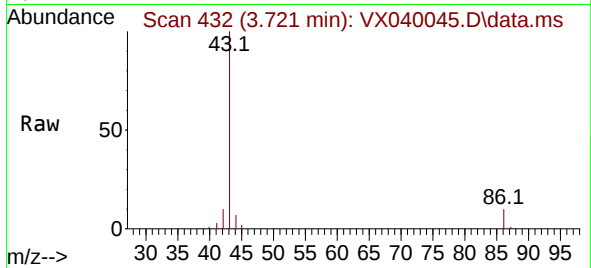
Tgt Ion: 45 Resp: 18694
Ion Ratio Lower Upper
45 100
43 91.4 69.7 104.5
87 25.0 20.8 31.2
59 13.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 25.185 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040045.D
 Acq: 31 Jan 2024 13:58

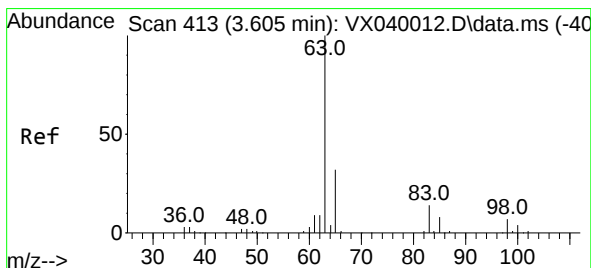
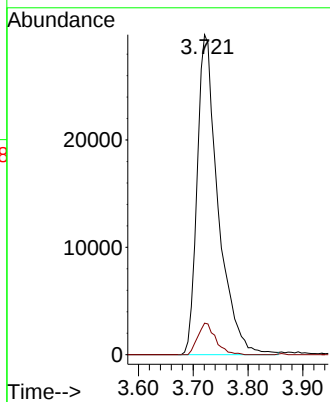
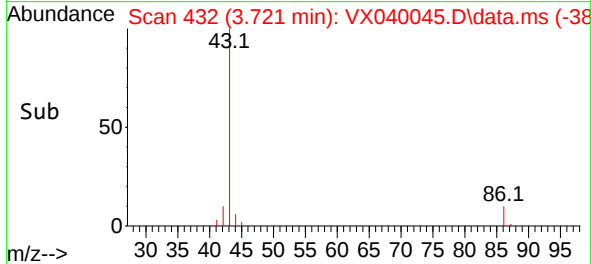
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 7951
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

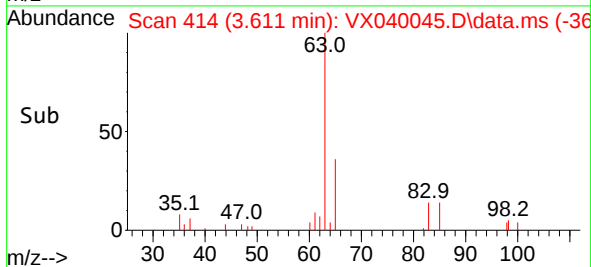
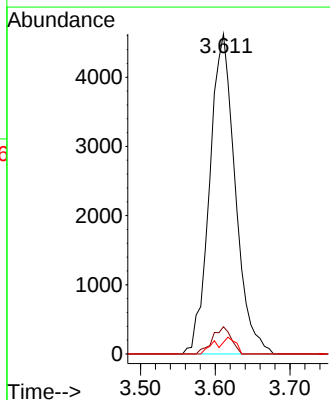
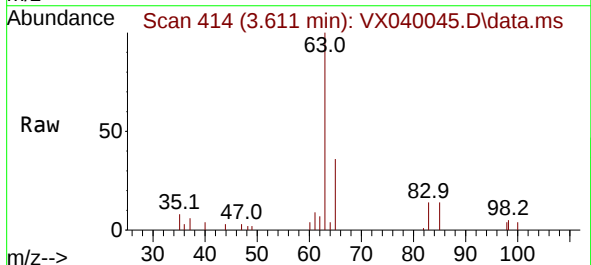
Manual Integrations
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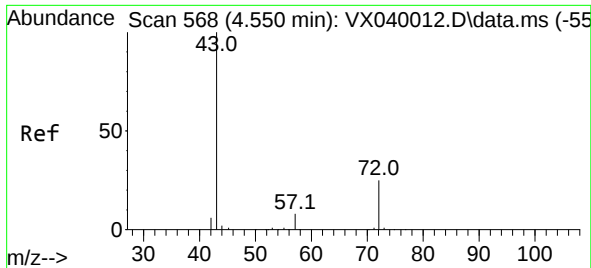
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#24
 1,1-Dichloroethane
 Concen: 5.463 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040045.D
 Acq: 31 Jan 2024 13:58

Tgt Ion: 63 Resp: 11038
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.8
 100 3.6 2.1 6.5





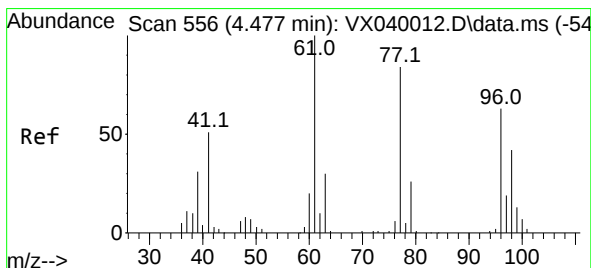
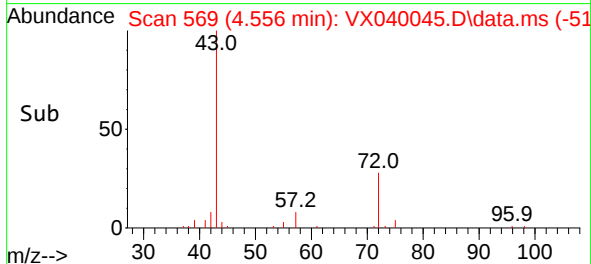
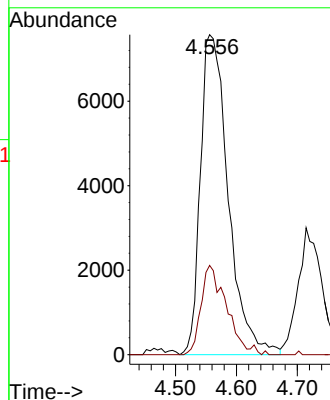
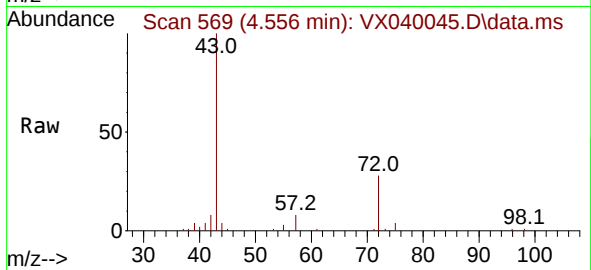
#25
2-Butanone
Concen: 25.501 ug/l
RT: 4.556 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

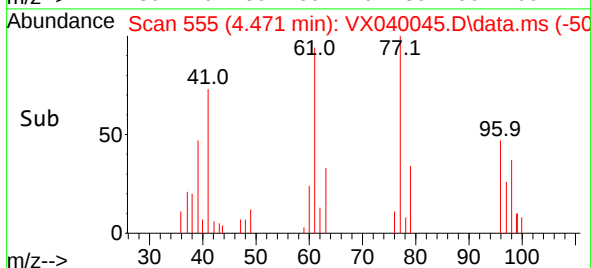
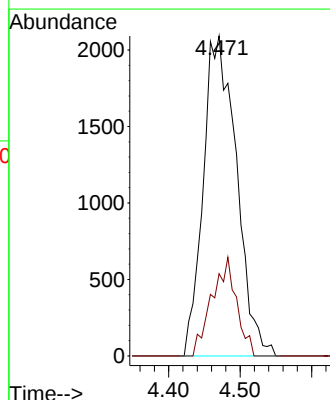
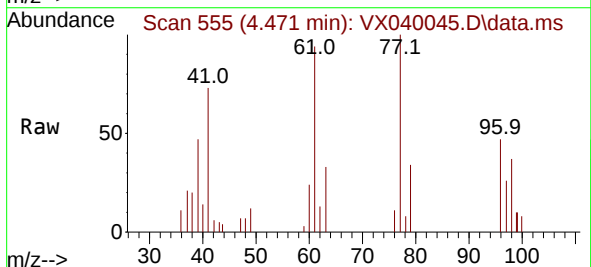
Manual Integrations
APPROVED

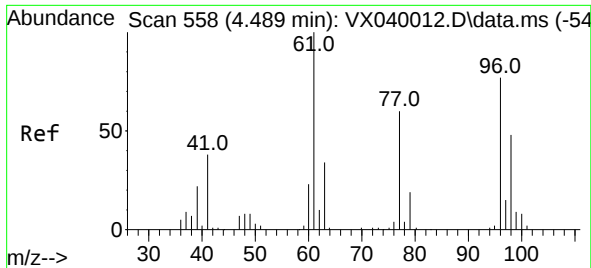
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#26
2,2-Dichloropropane
Concen: 4.282 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 77 Resp: 6751
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 4.910 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040045.D

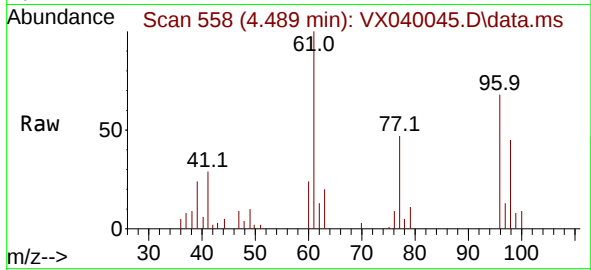
Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



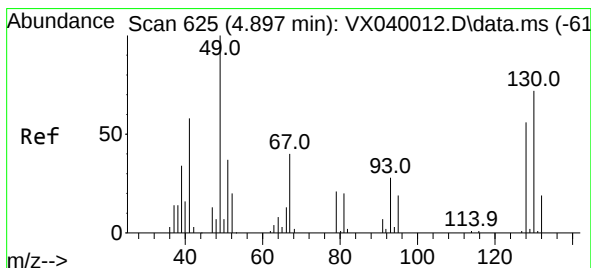
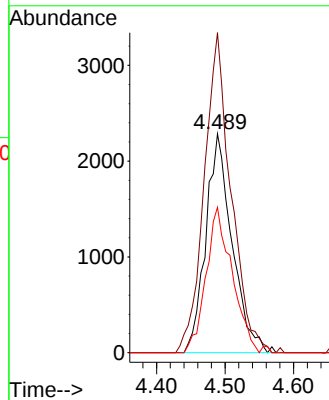
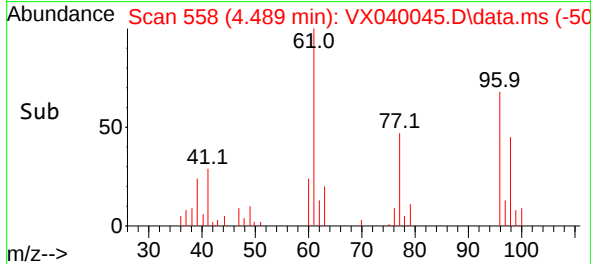
Tgt Ion: 96	Resp: 6090
Ion Ratio	Lower Upper
96 100	
61 149.2	0.0 312.2
98 65.8	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#28

Bromochloromethane

Concen: 5.063 ug/l

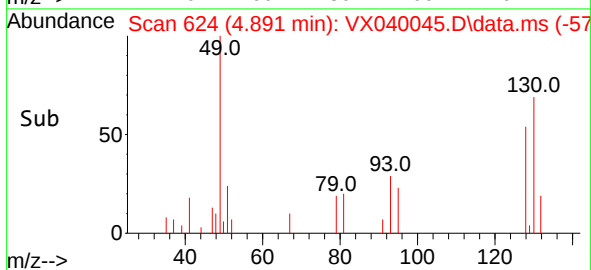
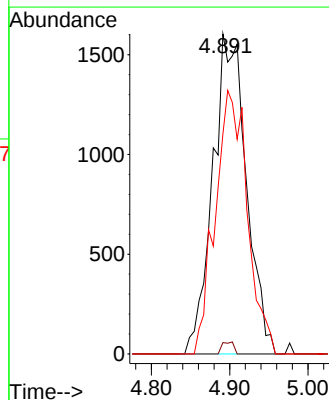
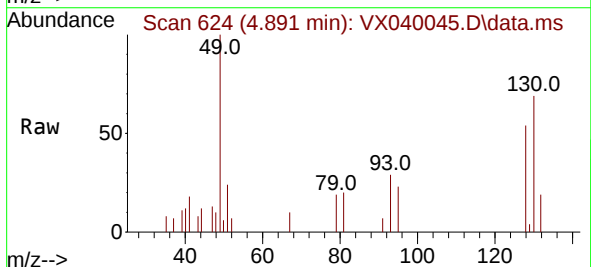
RT: 4.891 min Scan# 624

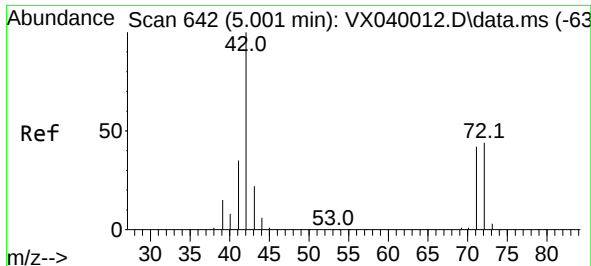
Delta R.T. -0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion: 49	Resp: 4770
Ion Ratio	Lower Upper
49 100	
129 1.3	0.0 3.8
130 79.0	57.5 86.3





#29

Tetrahydrofuran

Concen: 25.442 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

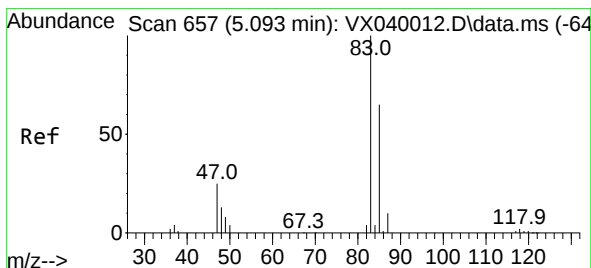
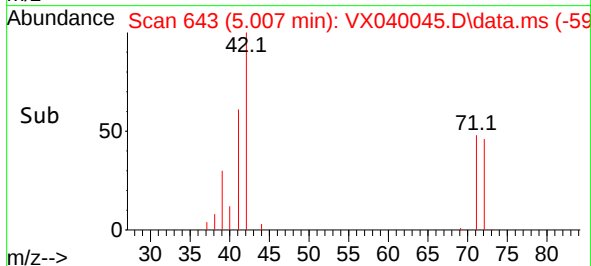
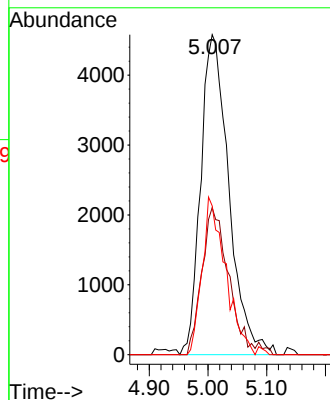
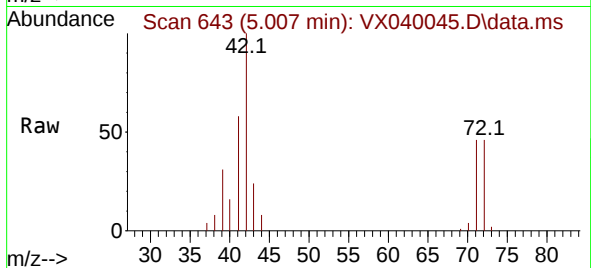
Tgt Ion:	42	Resp:	1523
Ion Ratio	Lower	Upper	
42	100		
72	43.2	34.2	51.4
71	41.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 5.127 ug/l

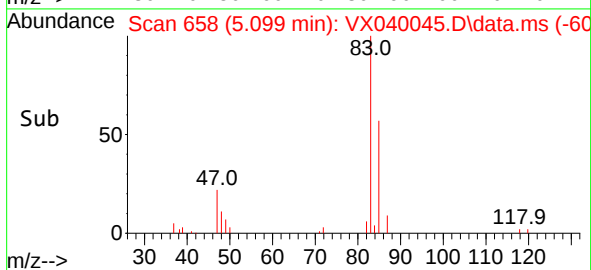
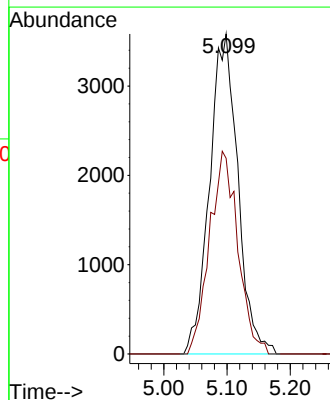
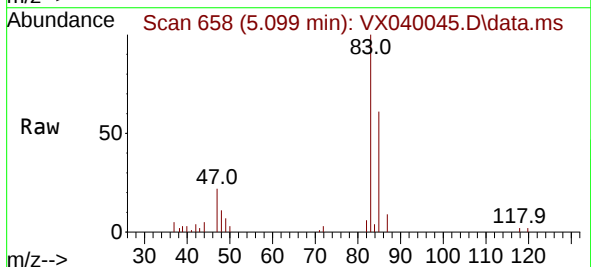
RT: 5.099 min Scan# 658

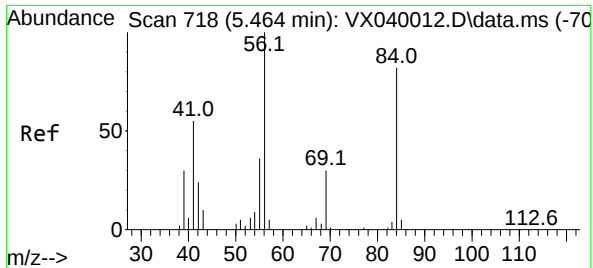
Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

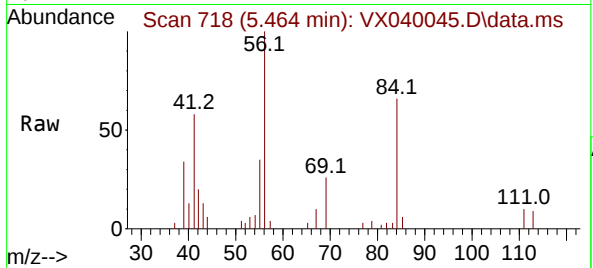
Tgt Ion:	83	Resp:	11123
Ion Ratio	Lower	Upper	
83	100		
85	61.1	50.3	75.5





#31
Cyclohexane
Concen: 4.631 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

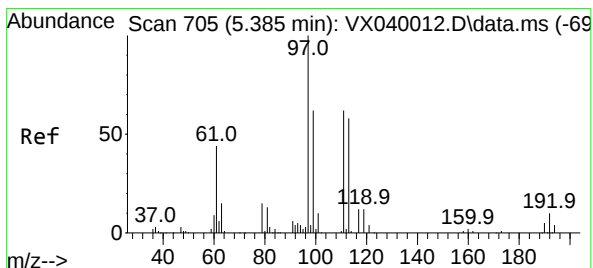
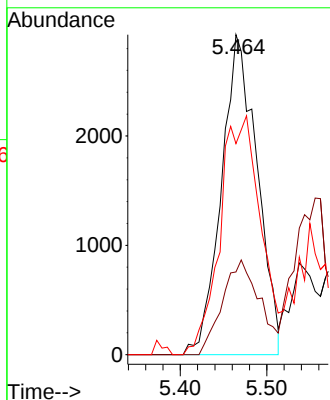
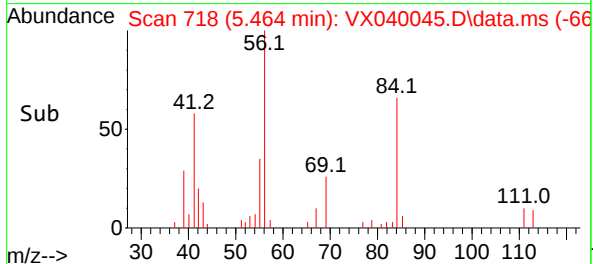
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 8380
Ion Ratio Lower Upper
56 100
69 25.9 23.4 35.2
84 66.0 65.9 98.9

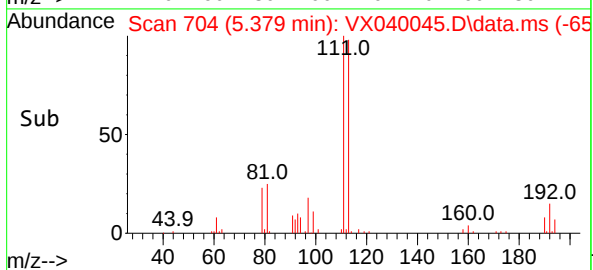
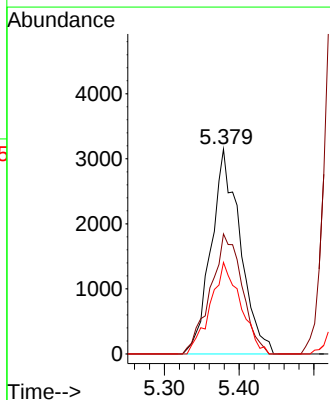
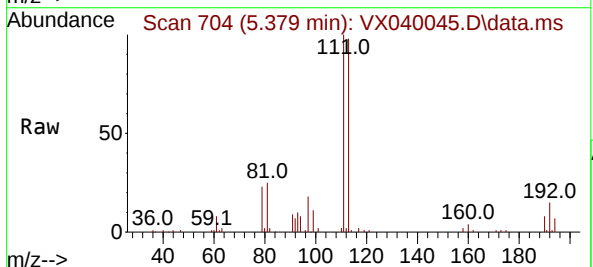
Manual Integrations
APPROVED

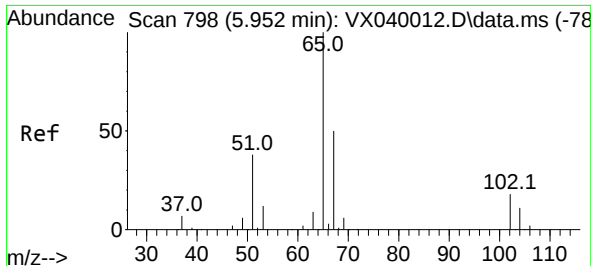
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#32
1,1,1-Trichloroethane
Concen: 4.581 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 97 Resp: 8530
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 46.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.865 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 65 Resp: 6775

Ion Ratio Lower Upper

65 100

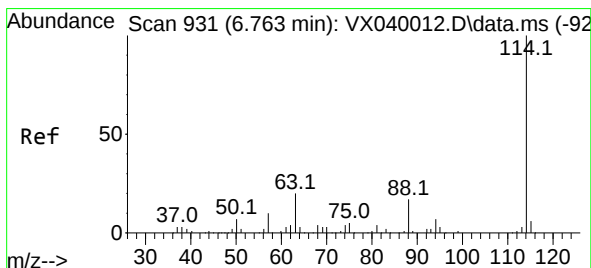
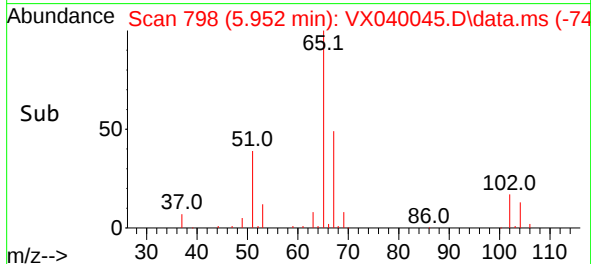
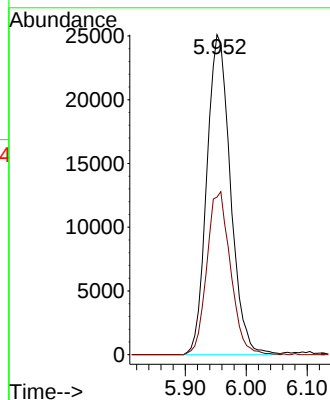
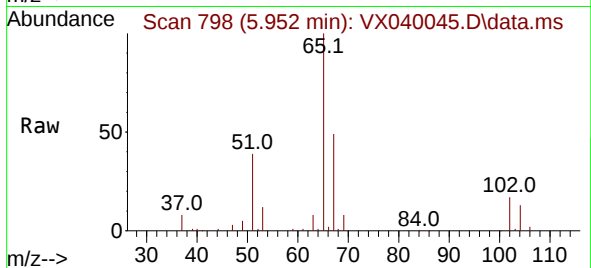
67 50.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

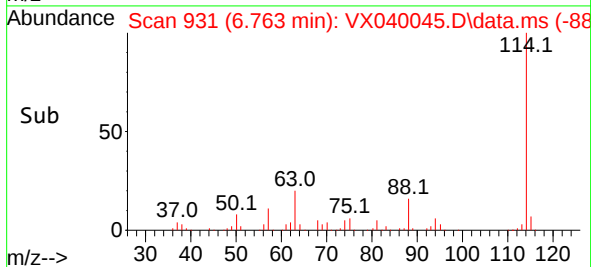
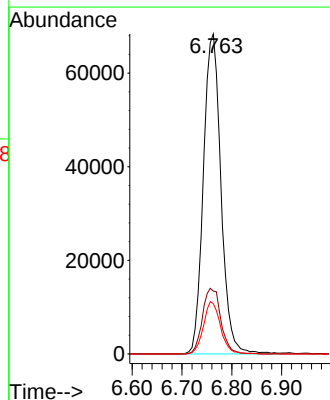
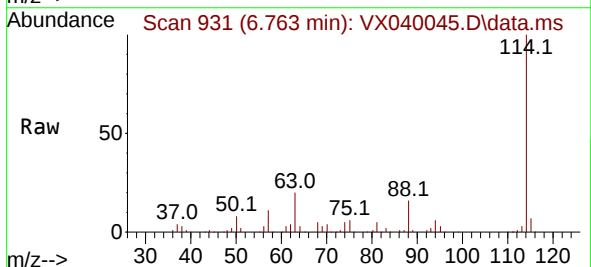
Tgt Ion:114 Resp: 167629

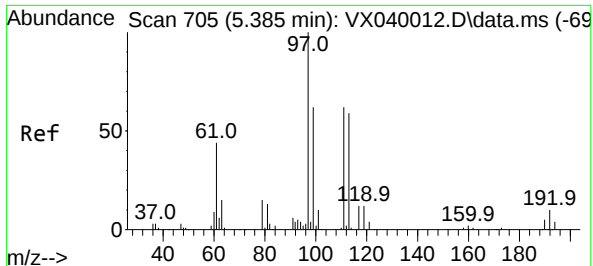
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

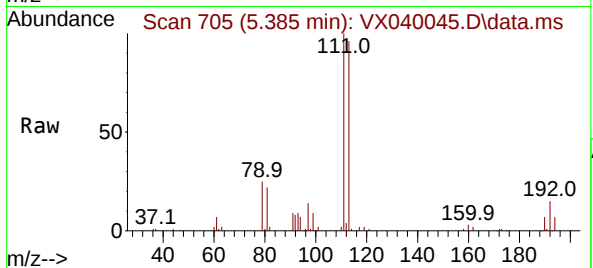
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 44.169 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

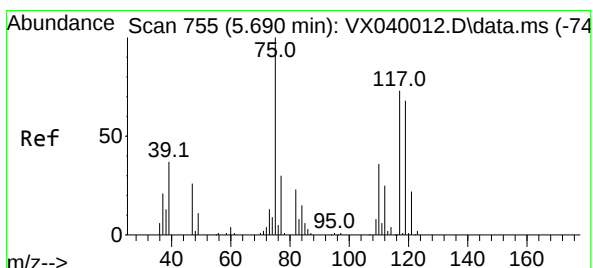
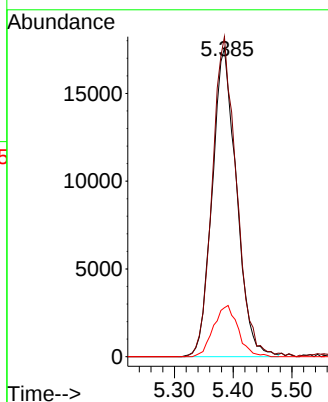
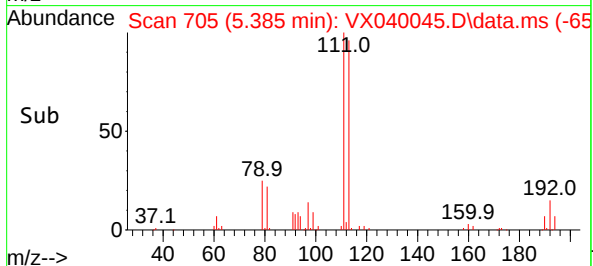
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:113 Resp: 5040
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 16.8 13.3 19.9

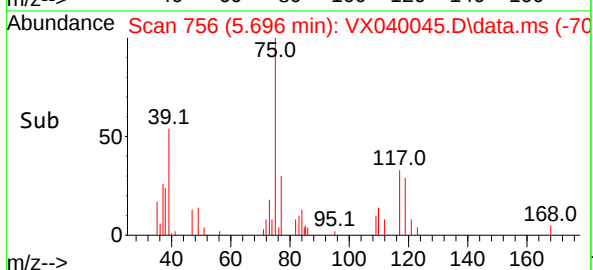
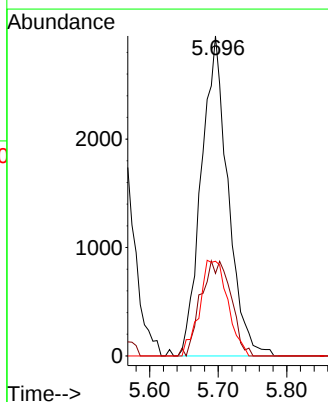
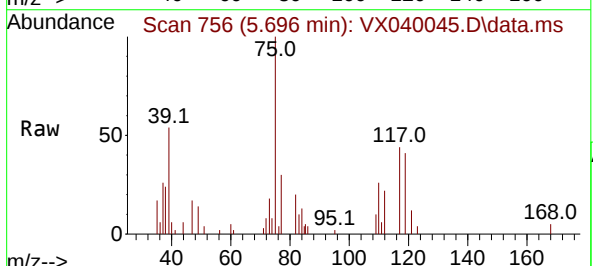
Manual Integrations
APPROVED

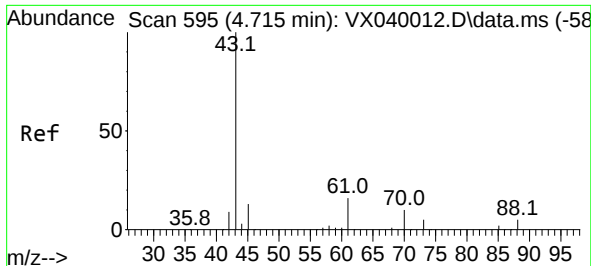
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 75 Resp: 7983
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 4.886 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX040045.D

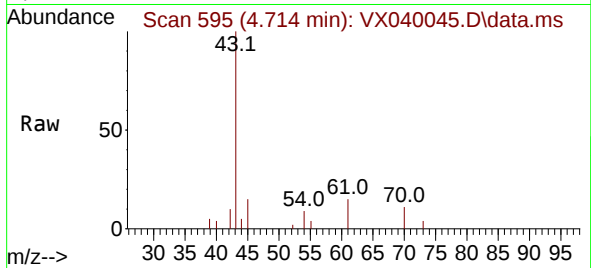
Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



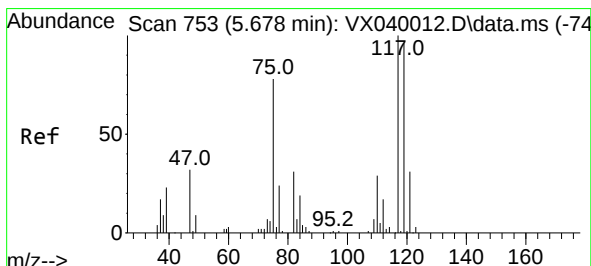
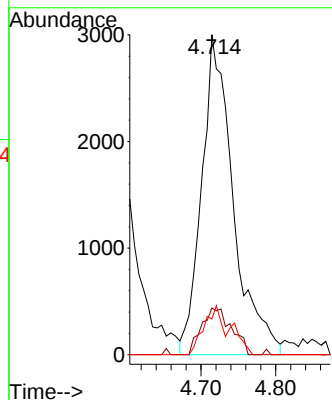
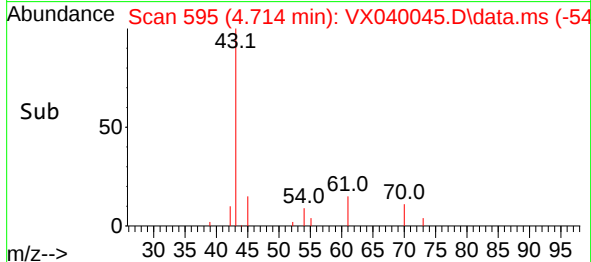
Tgt Ion: 43 Resp: 8800

Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	8.7	8.3	12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#38

Carbon Tetrachloride

Concen: 4.450 ug/l

RT: 5.678 min Scan# 753

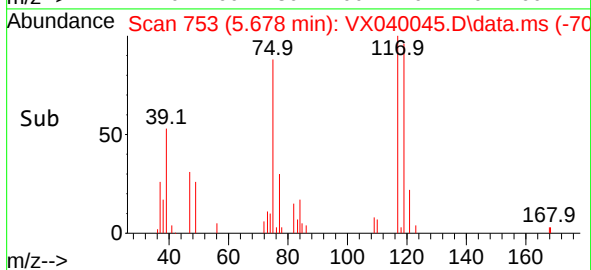
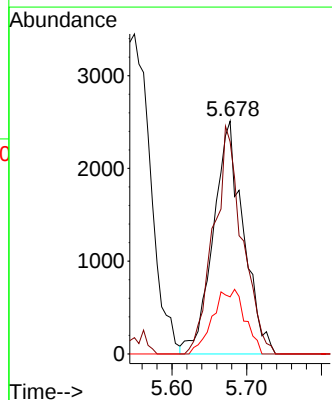
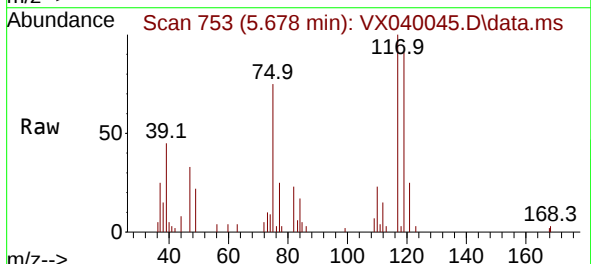
Delta R.T. -0.000 min

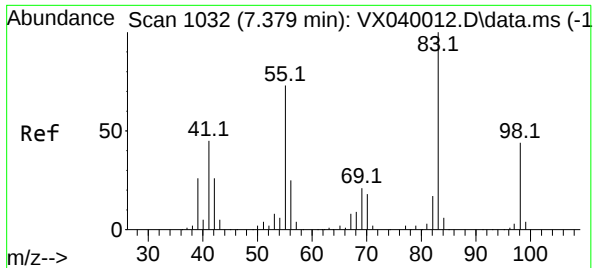
Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion:117 Resp: 7027

Ion	Ratio	Lower	Upper
117	100		
119	91.2	78.2	117.2
121	24.6	24.4	36.6





#39

Methylcyclohexane

Concen: 4.485 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

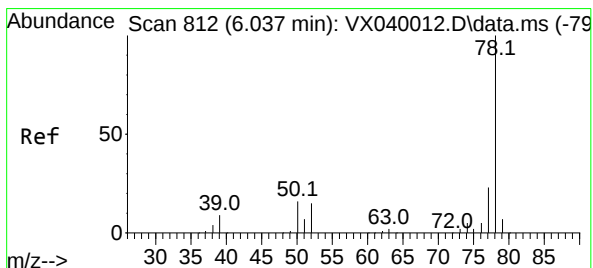
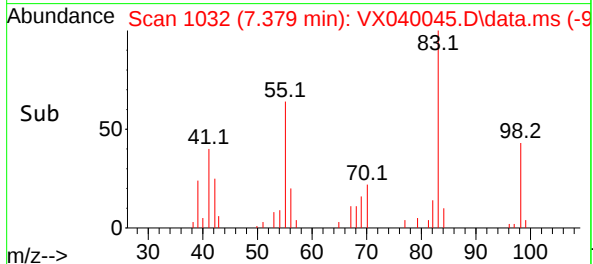
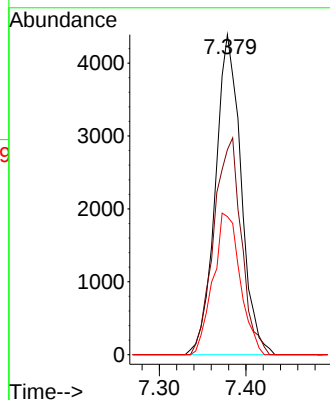
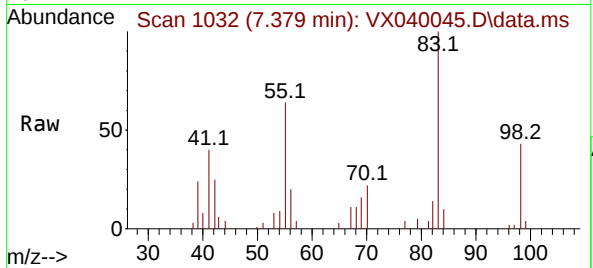
Tgt Ion: 83	Resp: 9000
Ion Ratio	Lower Upper
83	100
55	64.1 64.6 97.0
98	43.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#40

Benzene

Concen: 4.799 ug/l

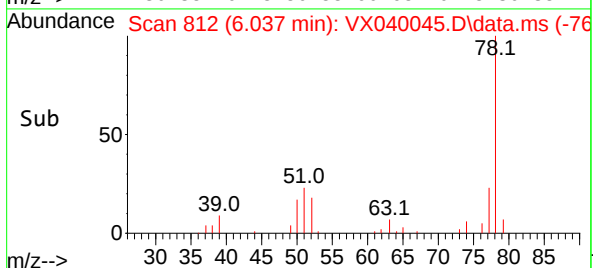
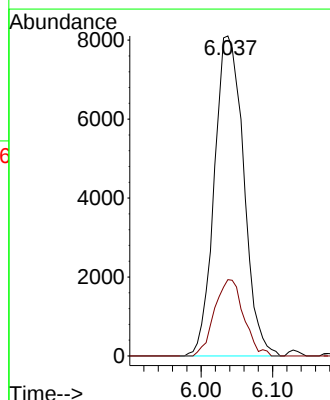
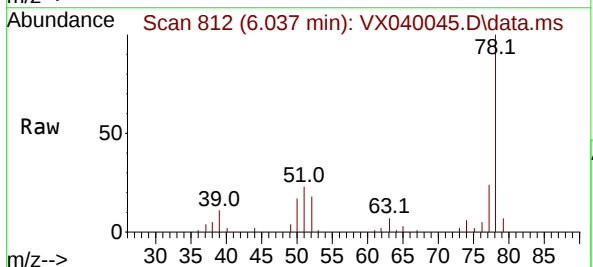
RT: 6.037 min Scan# 812

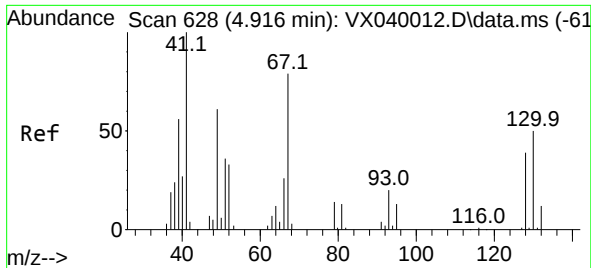
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion: 78	Resp: 23067
Ion Ratio	Lower Upper
78	100
77	23.8 19.3 28.9





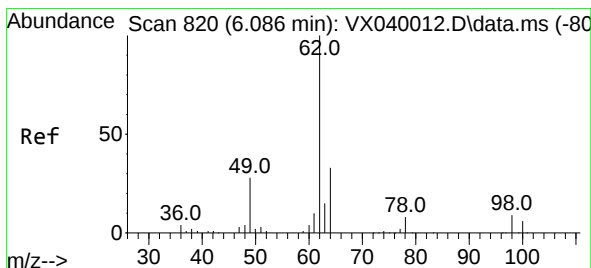
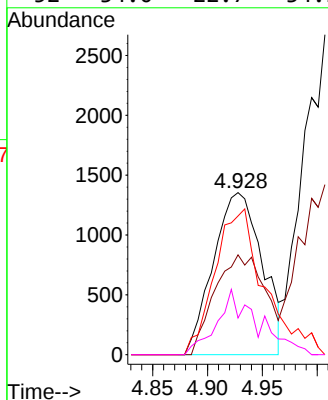
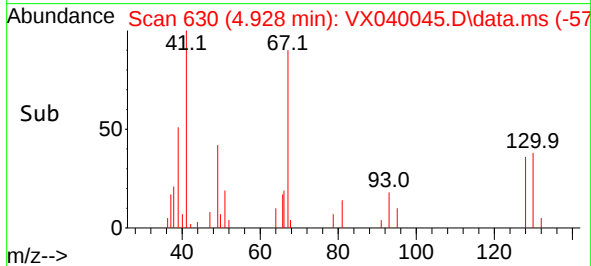
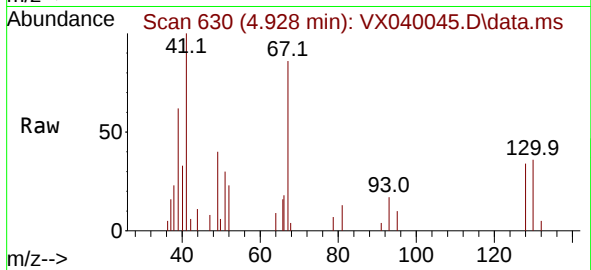
#41
Methacrylonitrile
Concen: 4.590 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 41	Resp: 419
Ion Ratio	Lower Upper
41	100
39	63.7 45.2 67.8
67	91.6 52.6 78.8
52	34.0 22.7 34.1

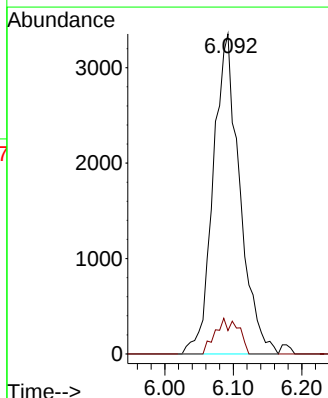
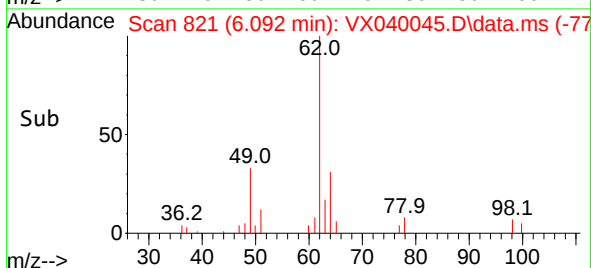
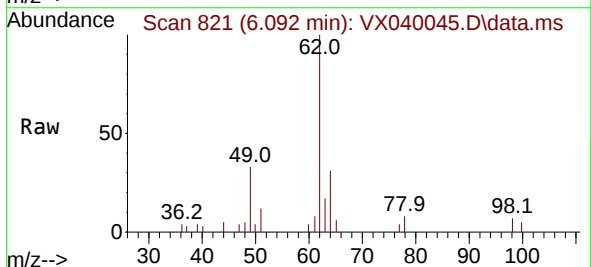
Manual Integrations
APPROVED

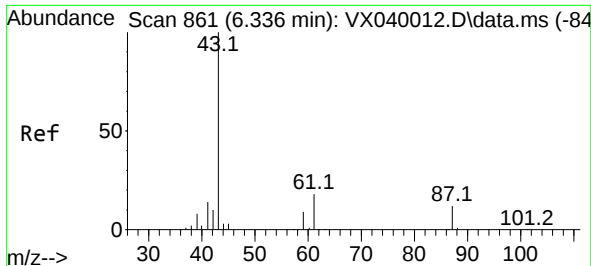
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 4.867 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

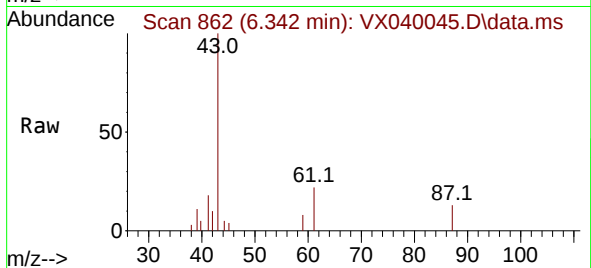
Tgt Ion: 62	Resp: 9006
Ion Ratio	Lower Upper
62	100
98	9.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 4.653 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

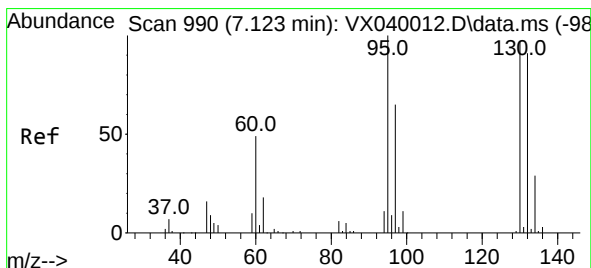
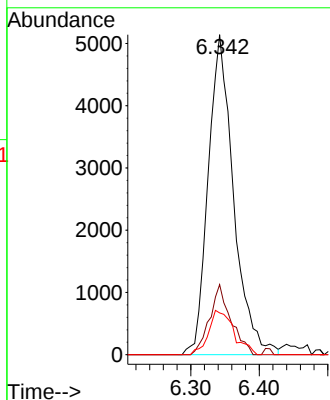
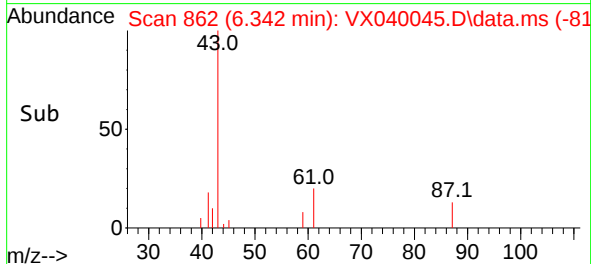
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 13225
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 13.7 9.8 14.6

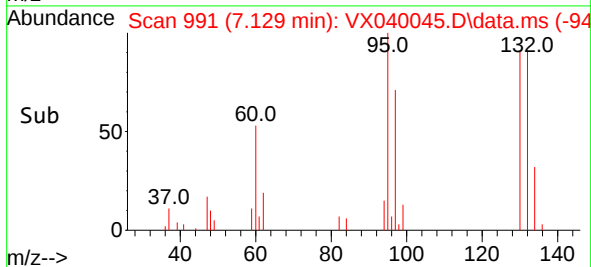
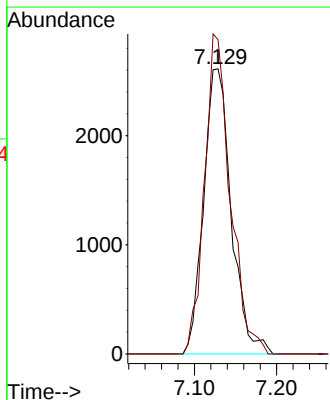
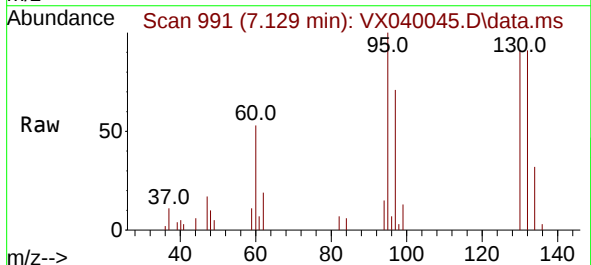
Manual Integrations
APPROVED

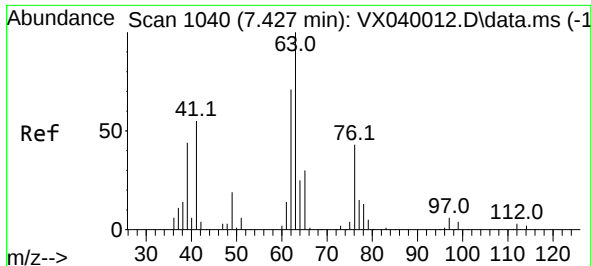
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#44
Trichloroethene
Concen: 4.825 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

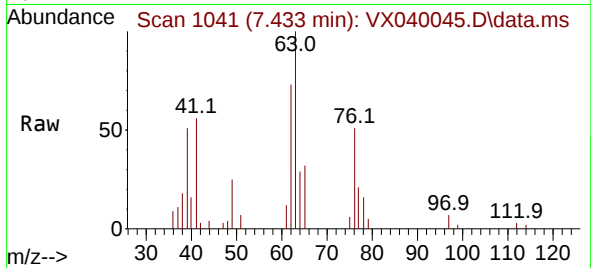
Tgt Ion:130 Resp: 6103
Ion Ratio Lower Upper
130 100
95 110.3 0.0 204.4





#45
1,2-Dichloropropane
Concen: 4.582 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

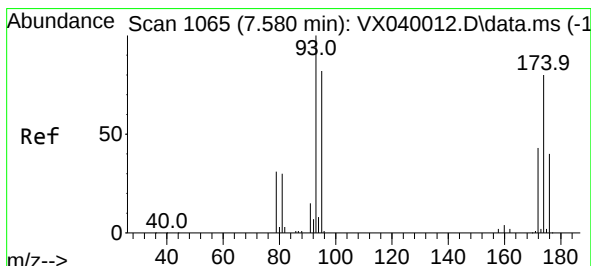
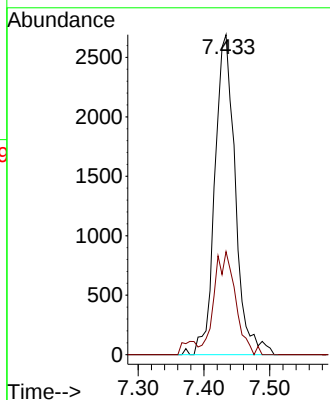
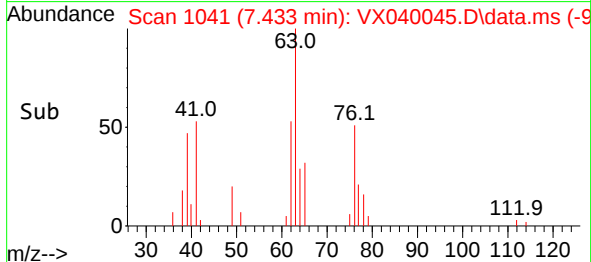
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 63 Resp: 581
Ion Ratio Lower Upper
63 100
65 32.2 24.3 36.5

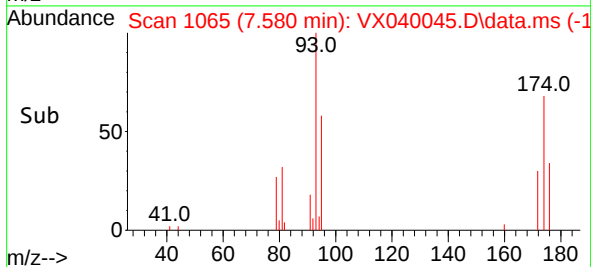
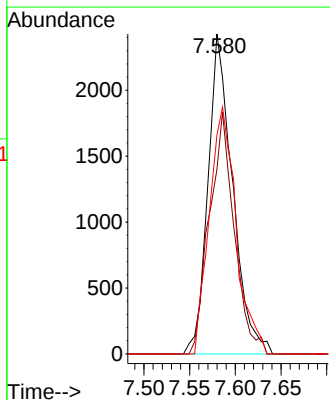
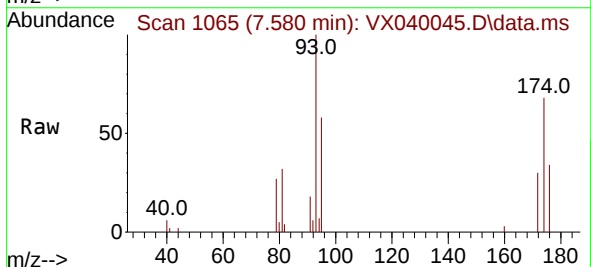
Manual Integrations
APPROVED

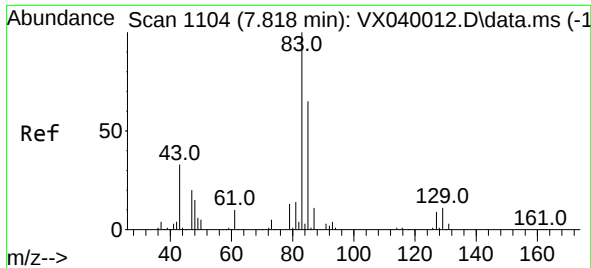
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#46
Dibromomethane
Concen: 4.767 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 93 Resp: 4541
Ion Ratio Lower Upper
93 100
95 76.3 66.6 100.0
174 83.8 69.4 104.0





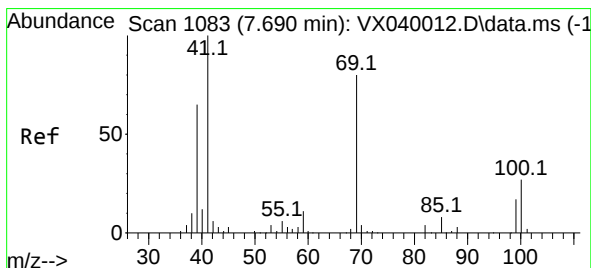
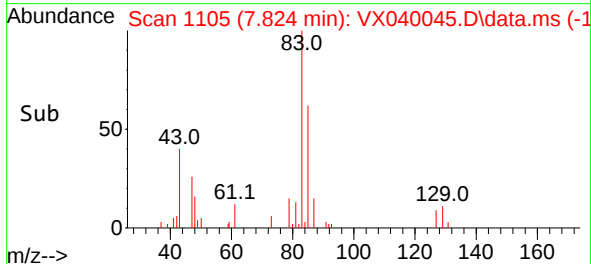
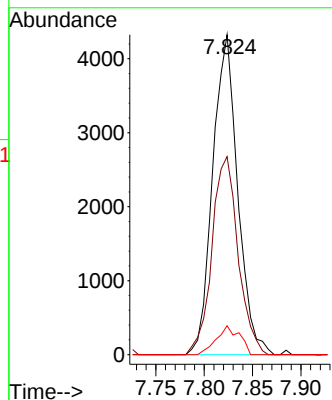
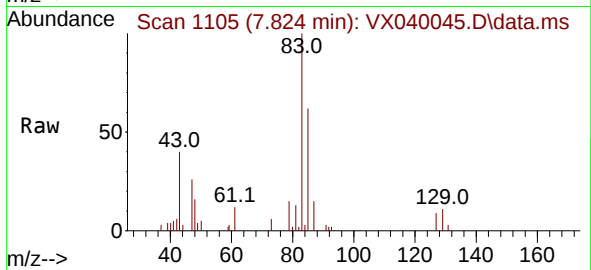
#47
Bromodichloromethane
Concen: 4.580 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 7770
Ion Ratio Lower Upper
83 100
85 61.9 49.8 74.6
127 9.1 7.1 10.7

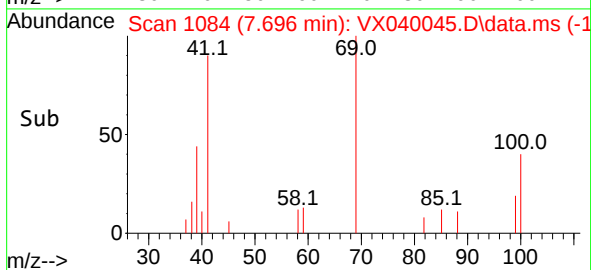
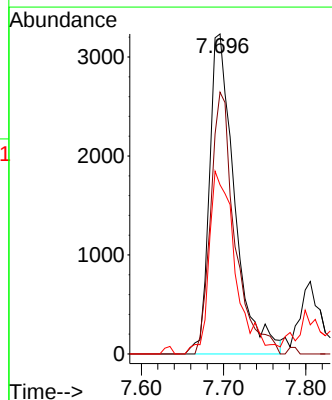
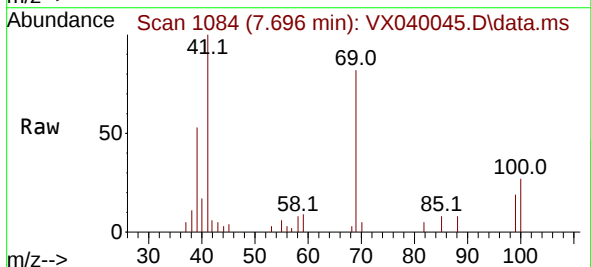
Manual Integrations
APPROVED

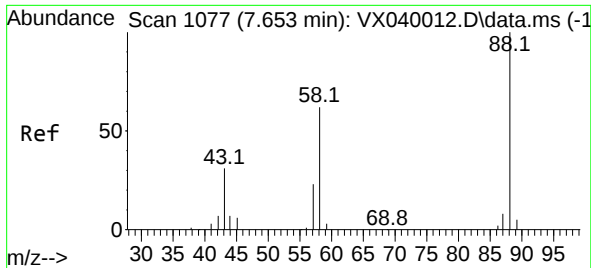
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#48
Methyl methacrylate
Concen: 4.927 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

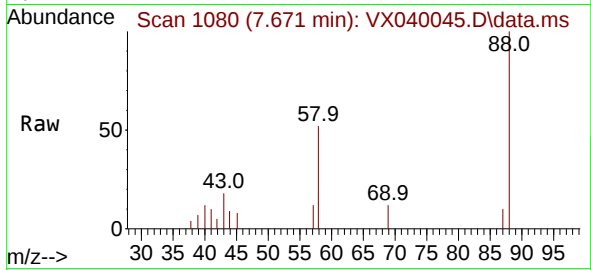
Tgt Ion: 41 Resp: 6899
Ion Ratio Lower Upper
41 100
69 78.8 59.2 88.8
39 59.0 47.7 71.5





#49
1,4-Dioxane
Concen: 101.002 ug/l
RT: 7.671 min Scan# 1077
Delta R.T. 0.018 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

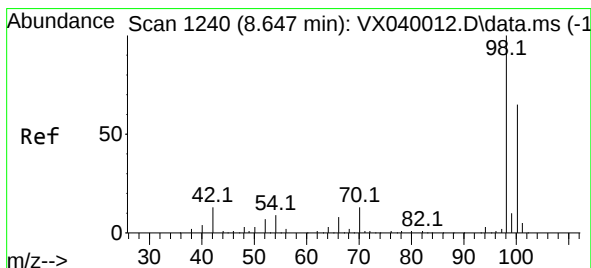
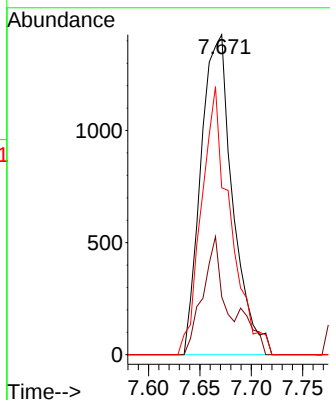
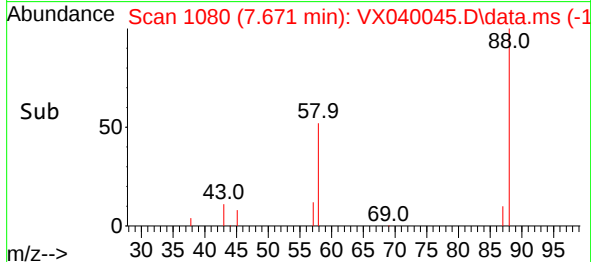
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 88 Resp: 307
Ion Ratio Lower Upper
88 100
43 24.5 0.0 0.0
58 76.1 60.1 90.1

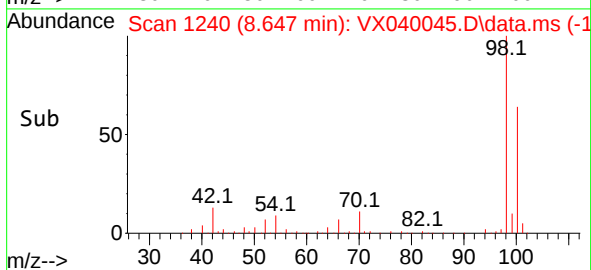
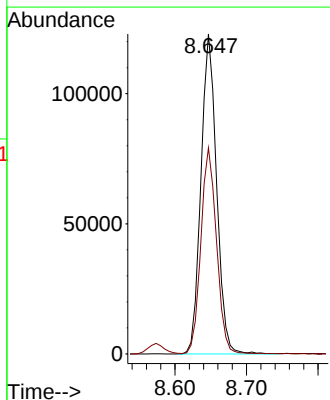
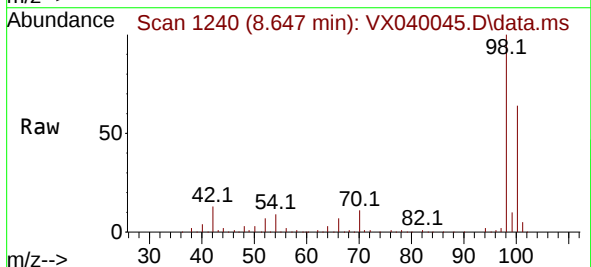
Manual Integrations
APPROVED

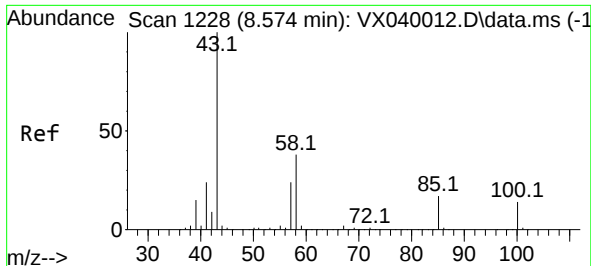
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#50
Toluene-d8
Concen: 43.813 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 98 Resp: 186967
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7





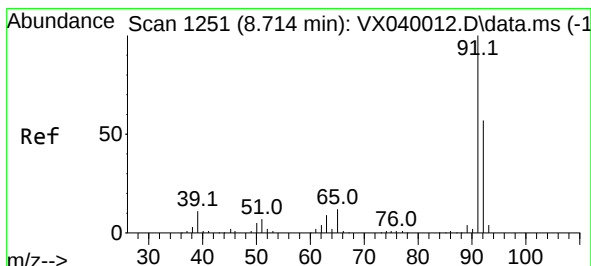
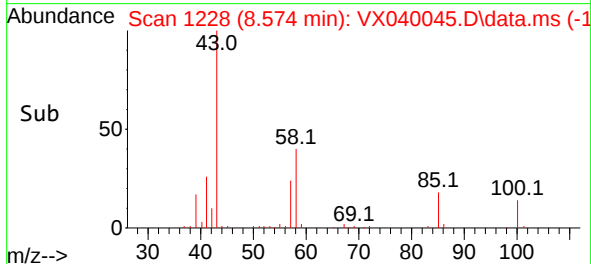
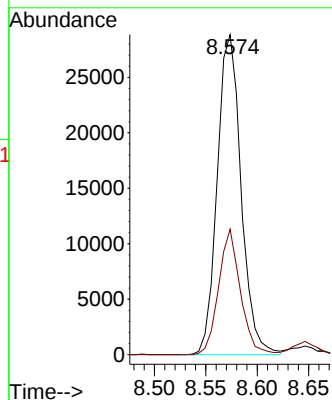
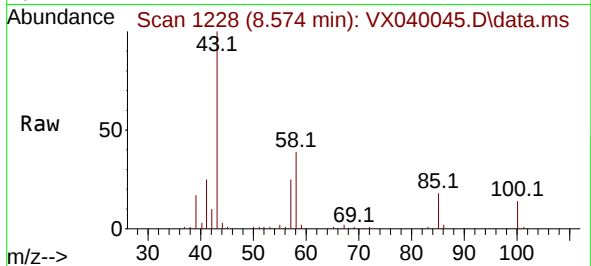
#51
4-Methyl-2-Pentanone
Concen: 23.966 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 46499
Ion Ratio Lower Upper
43 100
58 35.7 30.4 45.6

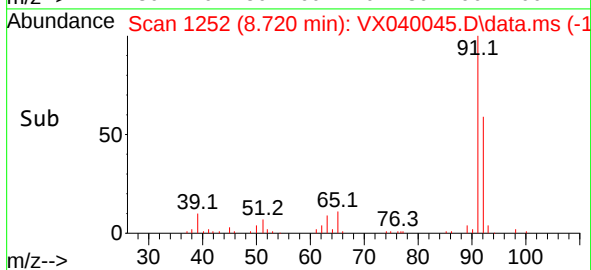
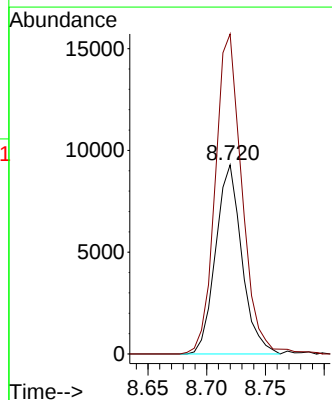
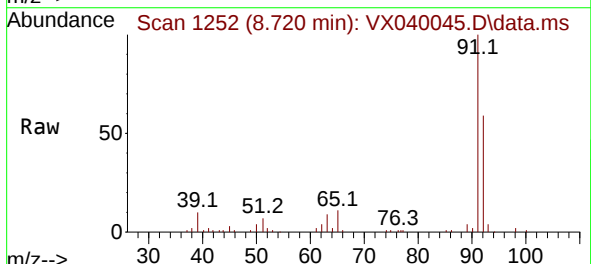
Manual Integrations
APPROVED

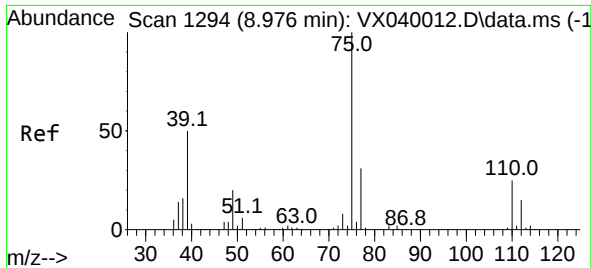
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 4.804 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

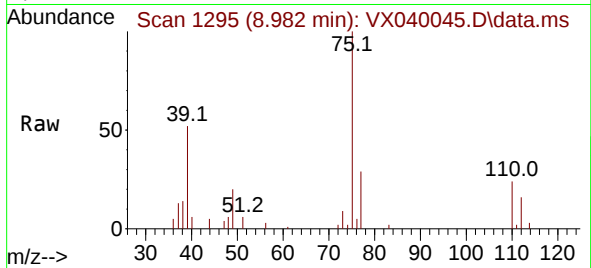
Tgt Ion: 92 Resp: 14392
Ion Ratio Lower Upper
92 100
91 173.3 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 3.864 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

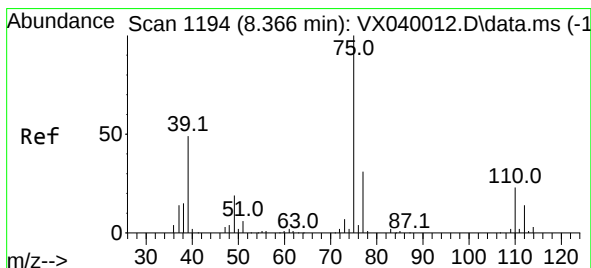
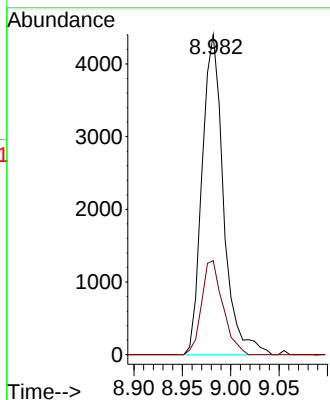
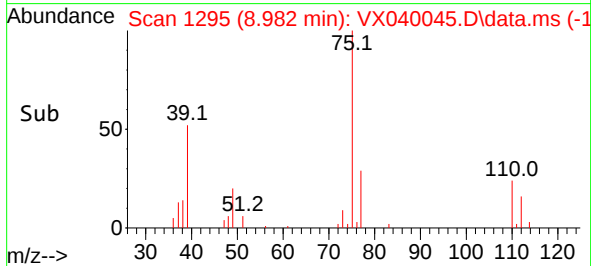
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 6799
Ion Ratio Lower Upper
75 100
77 29.4 25.7 38.5

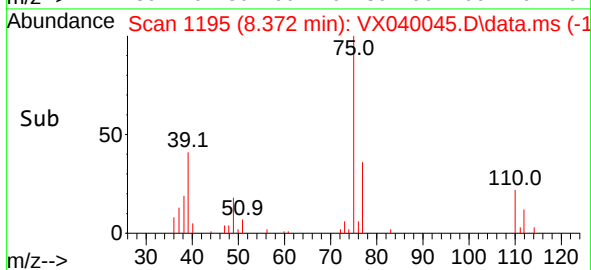
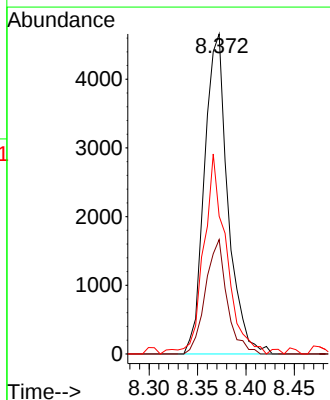
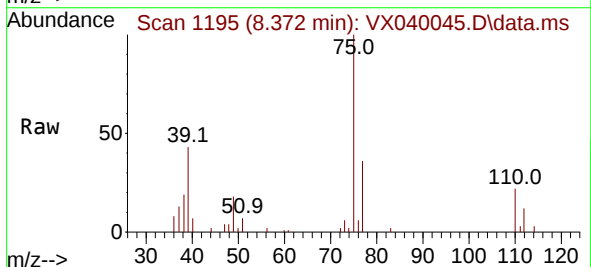
Manual Integrations
APPROVED

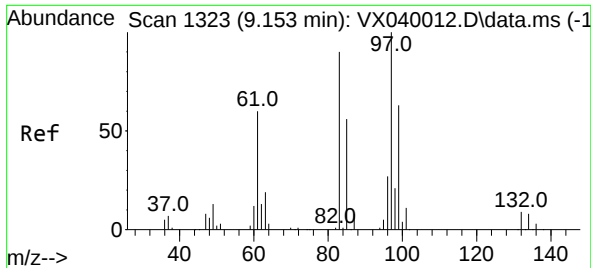
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#54
cis-1,3-Dichloropropene
Concen: 4.190 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

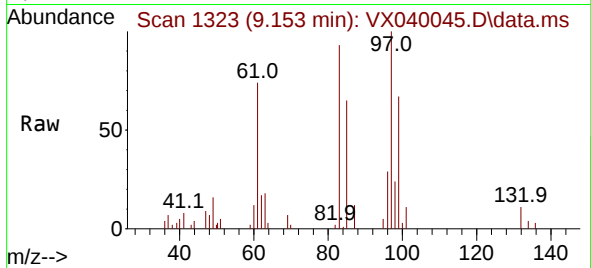
Tgt Ion: 75 Resp: 7868
Ion Ratio Lower Upper
75 100
77 35.8 25.3 37.9
39 41.8 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 4.561 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

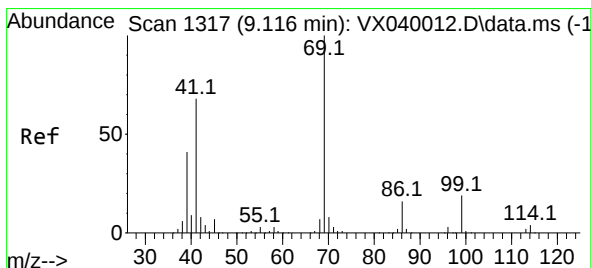
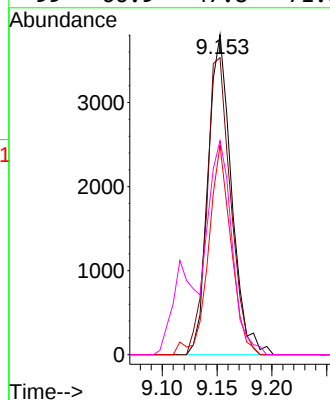
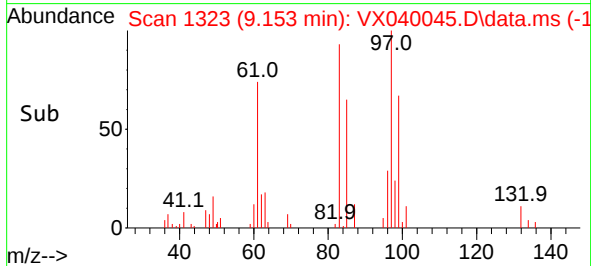
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:	97	Resp:	565
Ion Ratio	Lower	Upper	
97	100		
83	92.8	65.8	98.8
85	65.5	41.6	62.4
99	66.9	47.8	71.8

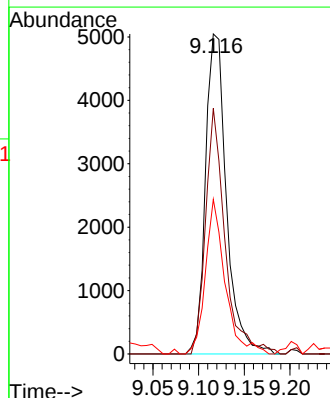
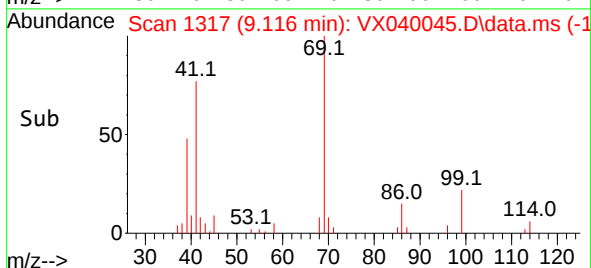
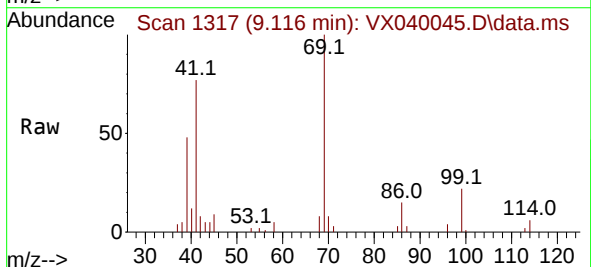
Manual Integrations
APPROVED

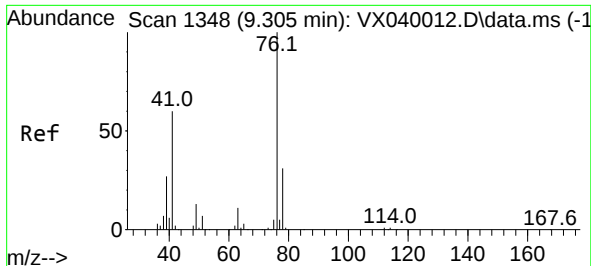
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#56
Ethyl methacrylate
Concen: 4.429 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion:	69	Resp:	8020
Ion Ratio	Lower	Upper	
69	100		
41	71.1	56.8	85.2
39	45.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 4.872 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040045.D

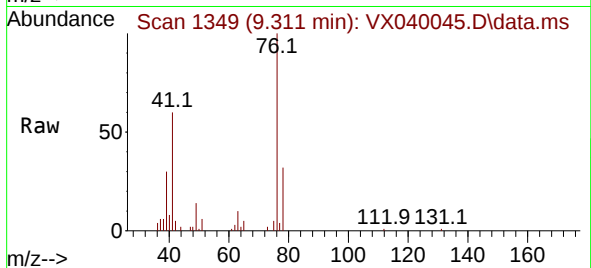
Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 995

Ion Ratio Lower Upper

76 100

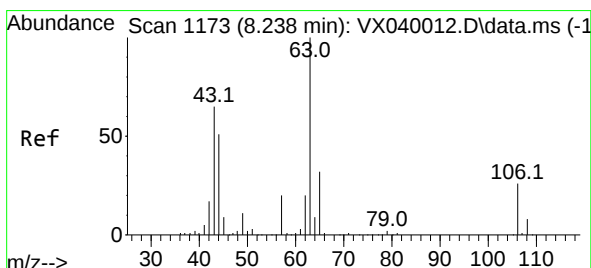
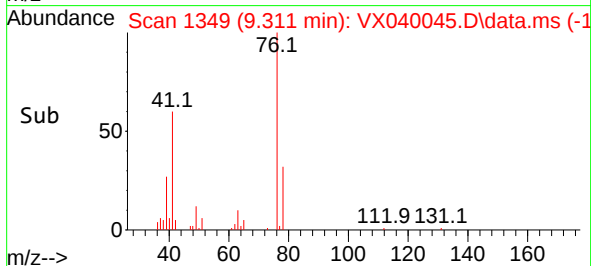
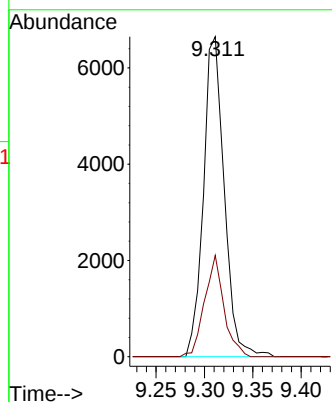
78 29.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 23.931 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040045.D

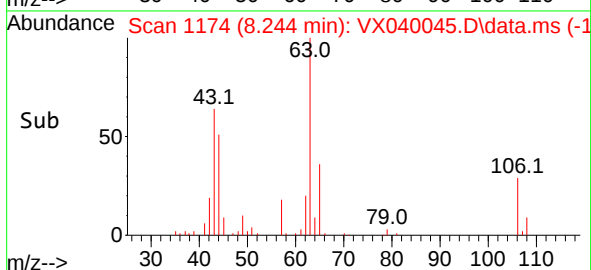
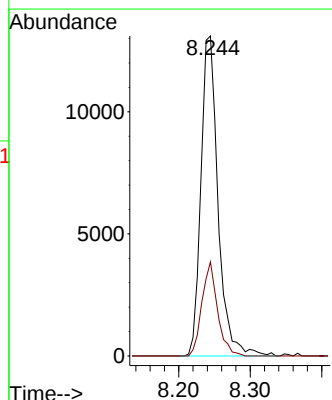
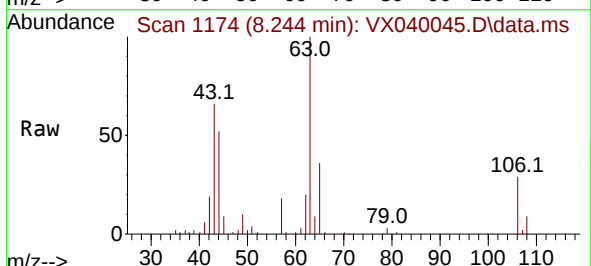
Acq: 31 Jan 2024 13:58

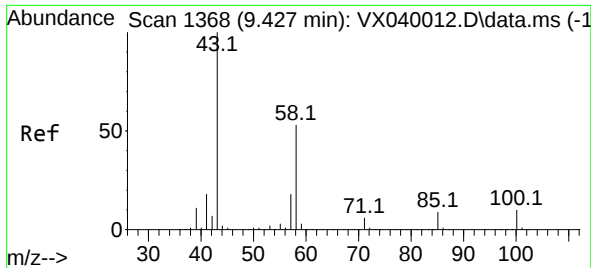
Tgt Ion: 63 Resp: 21792

Ion Ratio Lower Upper

63 100

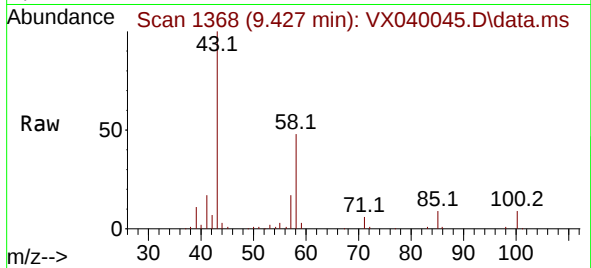
106 26.7 22.5 33.7





#59
2-Hexanone
Concen: 23.041 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

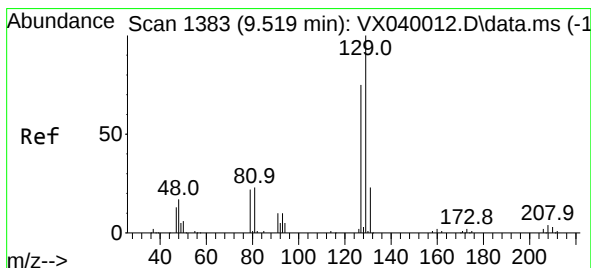
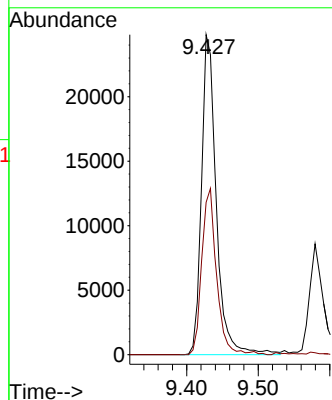
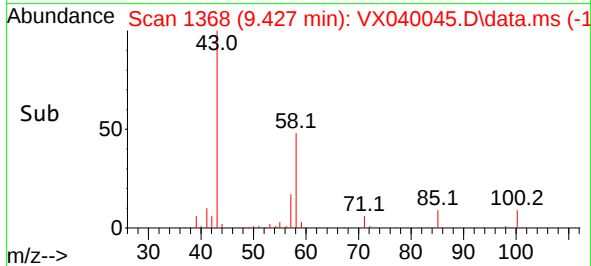
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 3564
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.5

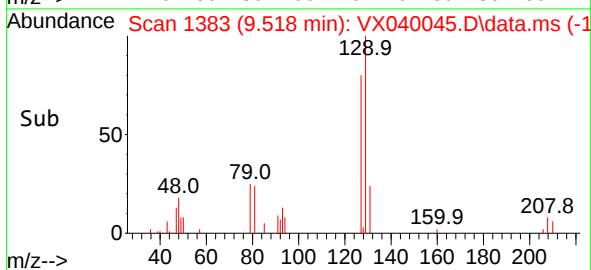
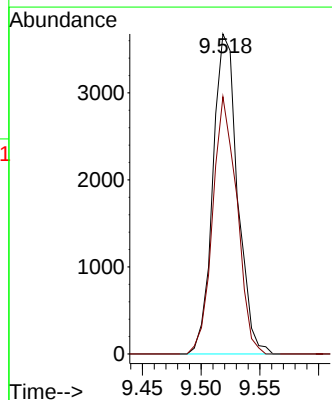
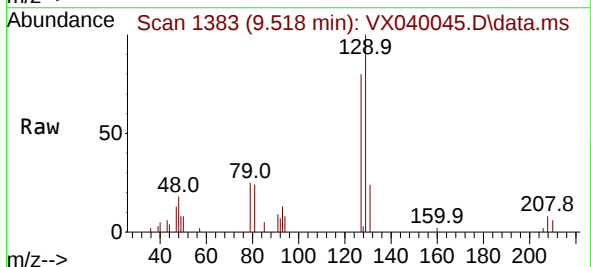
Manual Integrations
APPROVED

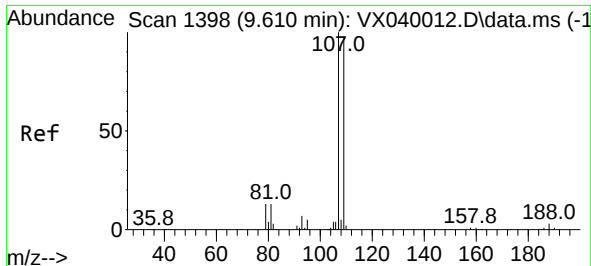
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#60
Dibromochloromethane
Concen: 4.307 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

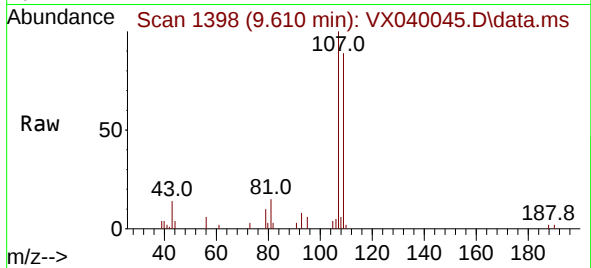
Tgt Ion:129 Resp: 5367
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.630 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

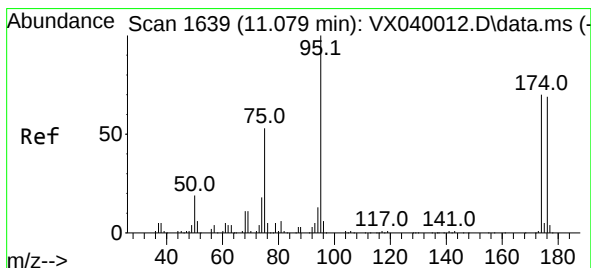
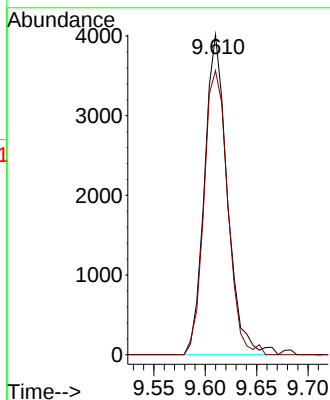
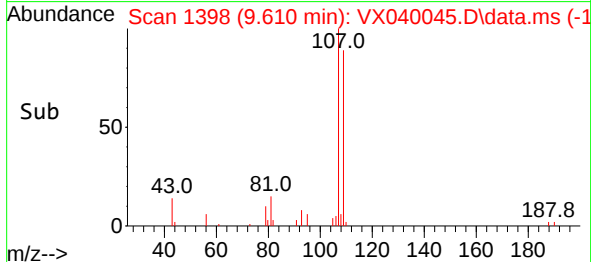
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



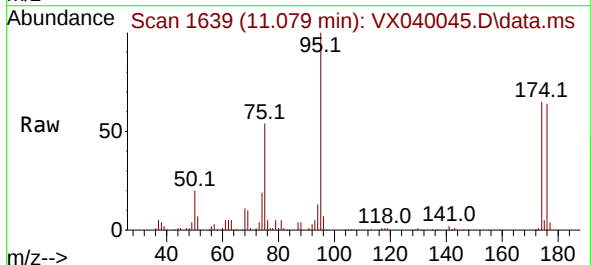
Tgt Ion:107 Resp: 6208
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

Manual Integrations
APPROVED

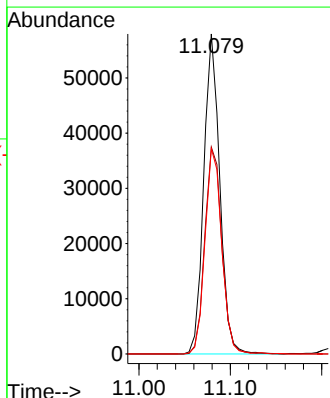
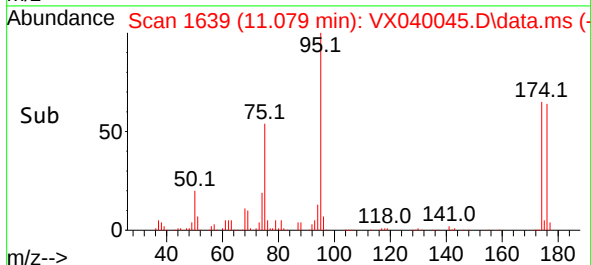
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

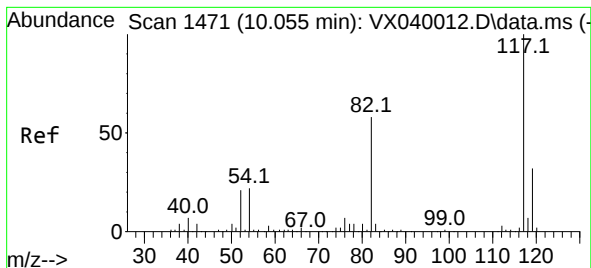


#62
4-Bromofluorobenzene
Concen: 42.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58



Tgt Ion: 95 Resp: 70318
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 67.1 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

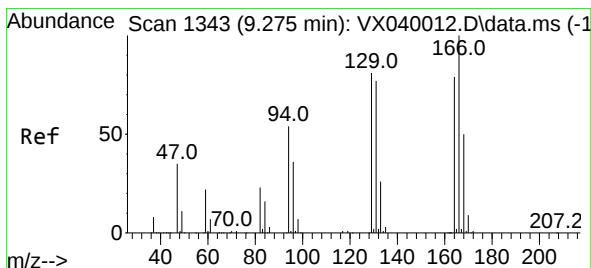
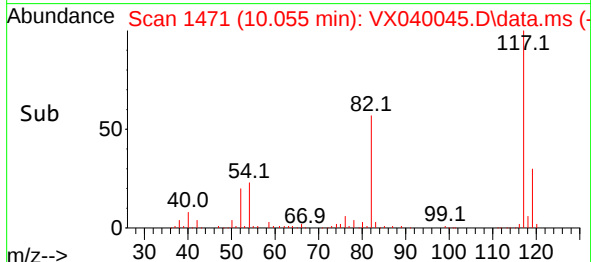
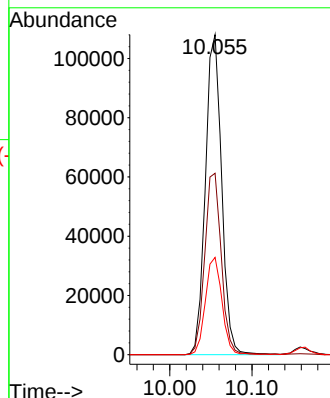
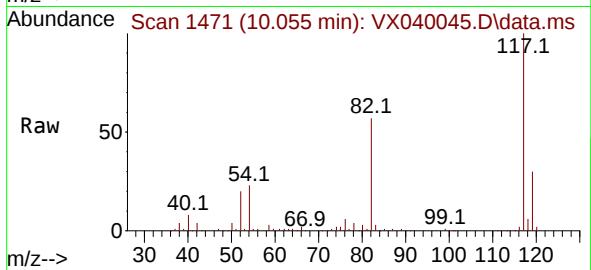
Tgt Ion:117 Resp: 14830

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.2	69.4
119	30.4	25.5	38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#64

Tetrachloroethene

Concen: 5.054 ug/l

RT: 9.275 min Scan# 1343

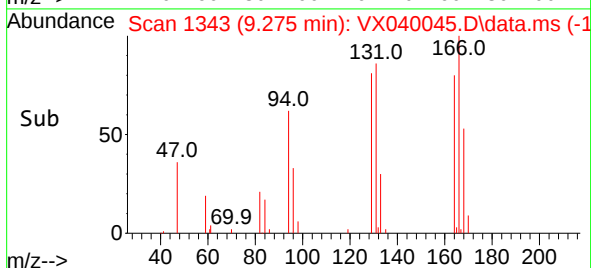
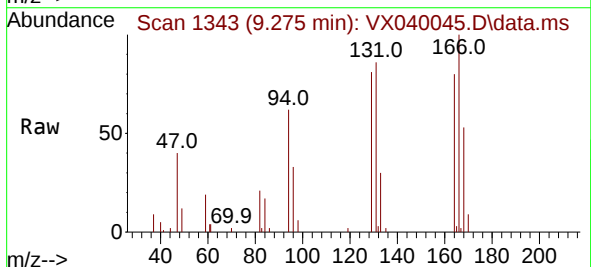
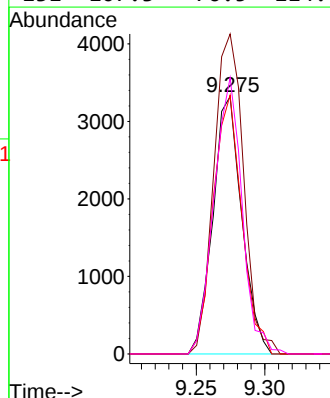
Delta R.T. -0.000 min

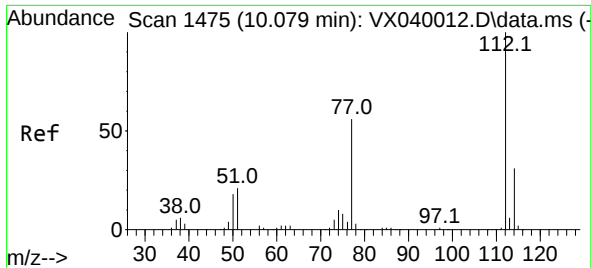
Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion:164 Resp: 4877

Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.7	154.1
129	100.5	80.4	120.6
131	107.3	76.5	114.7





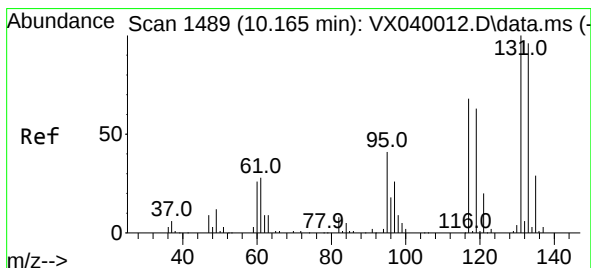
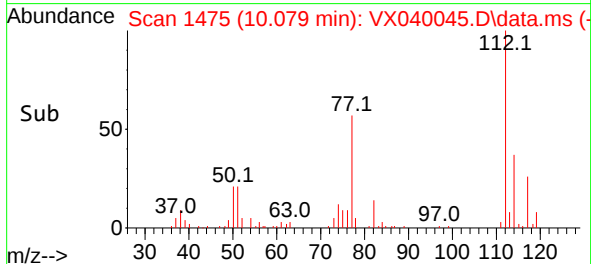
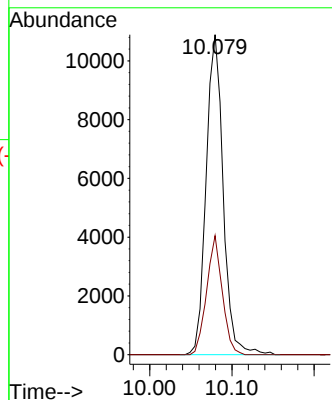
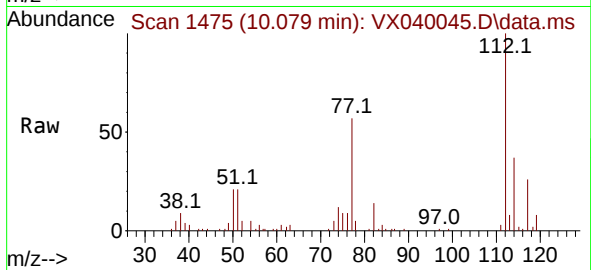
#65
Chlorobenzene
Concen: 5.110 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 1566
Ion Ratio Lower Upper
112 100
114 37.2 25.7 38.5

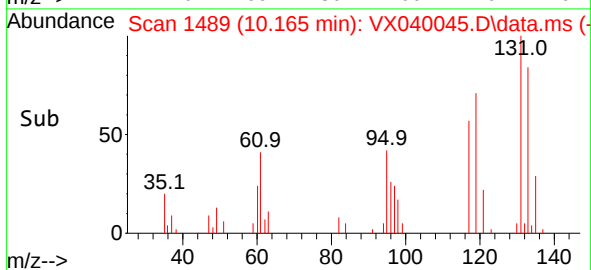
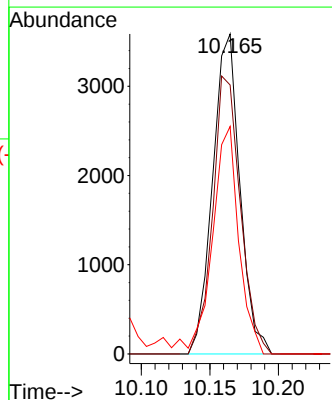
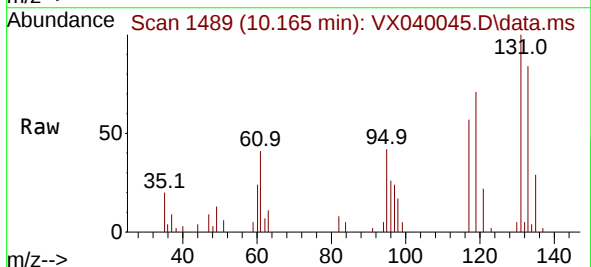
Manual Integrations
APPROVED

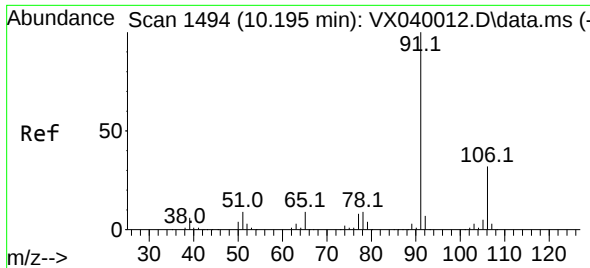
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.786 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

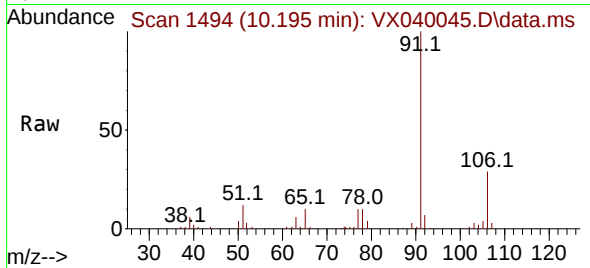
Tgt Ion:131 Resp: 4954
Ion Ratio Lower Upper
131 100
133 88.1 47.1 141.4
119 69.2 32.2 96.6





#67
Ethyl Benzene
Concen: 4.864 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

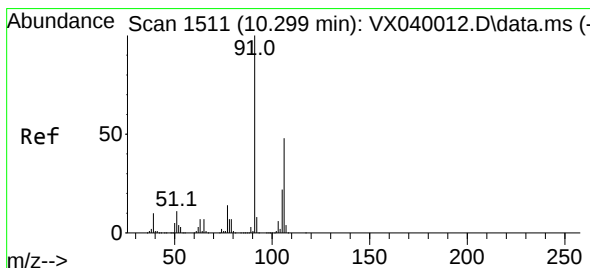
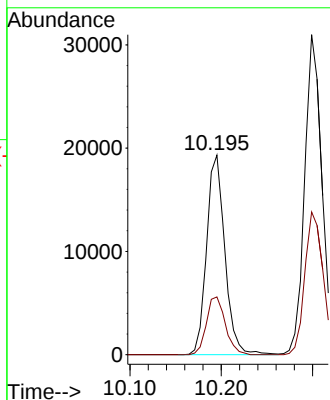
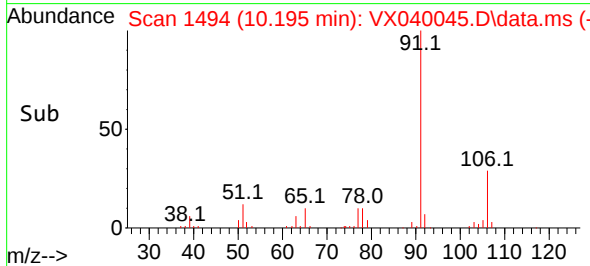
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



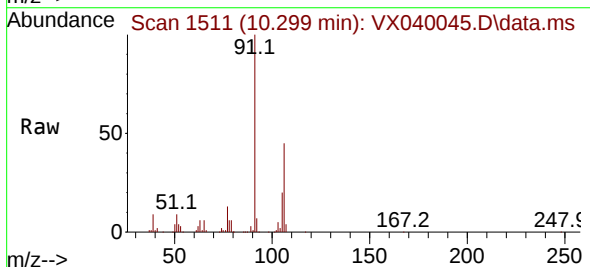
Tgt Ion: 91 Resp: 26749
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3

Manual Integrations
APPROVED

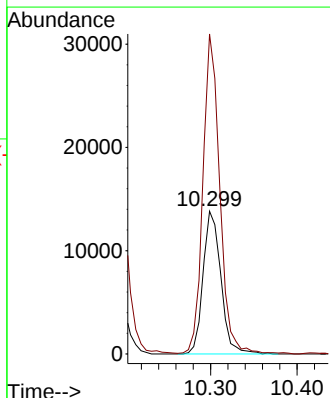
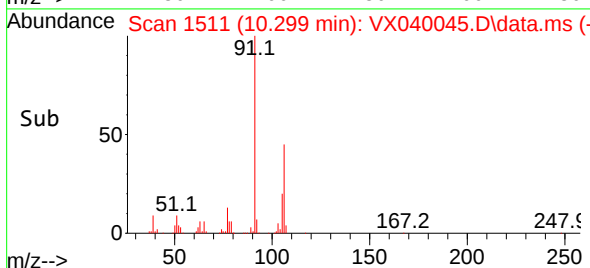
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

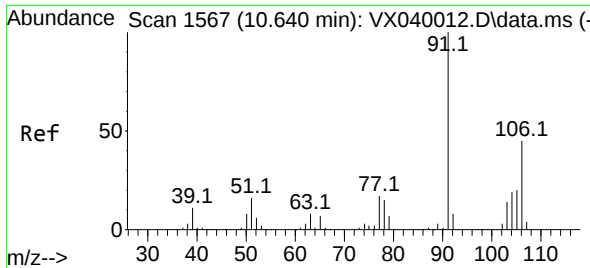


#68
m/p-Xylenes
Concen: 9.541 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58



Tgt Ion:106 Resp: 19741
Ion Ratio Lower Upper
106 100
91 212.8 165.5 248.3





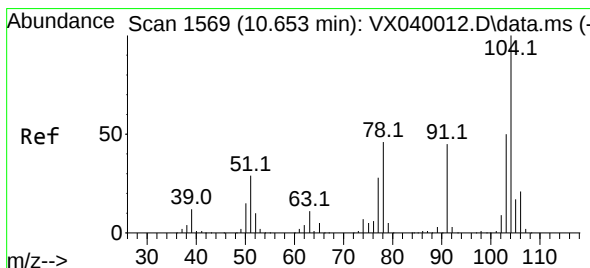
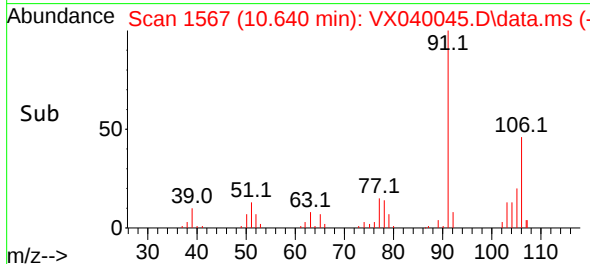
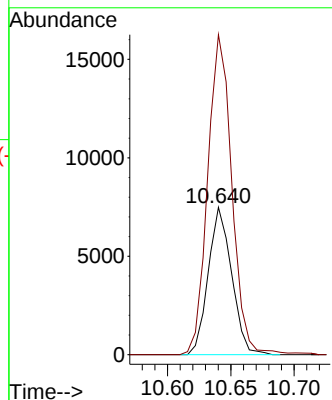
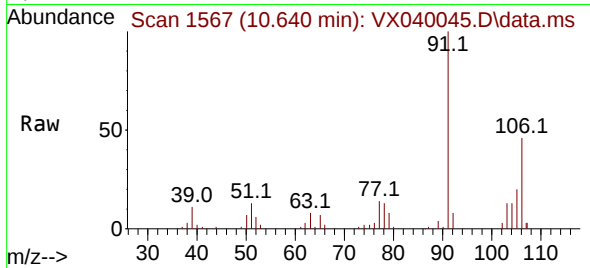
#69
o-Xylene
Concen: 4.905 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 9620
Ion Ratio Lower Upper
106 100
91 225.0 108.9 326.8

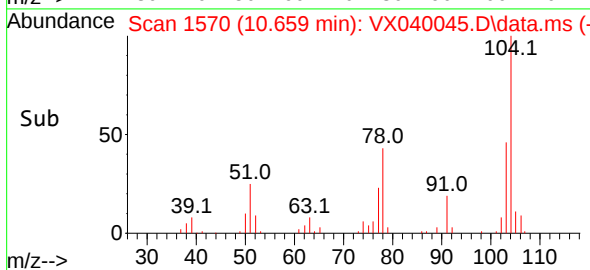
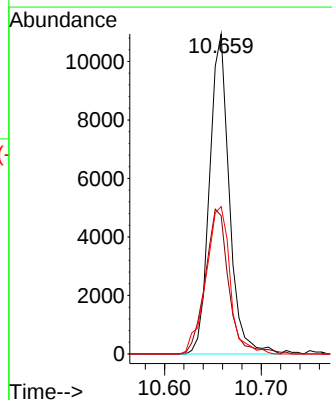
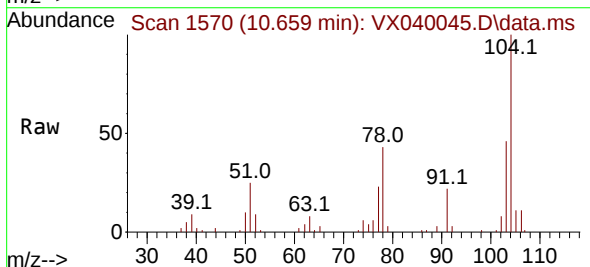
Manual Integrations
APPROVED

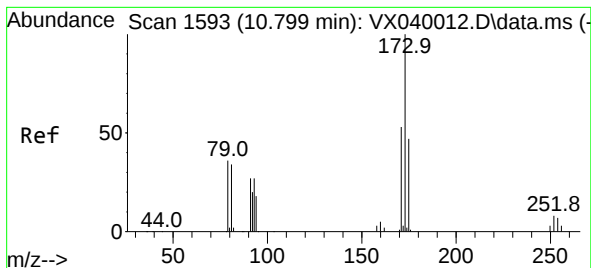
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#70
Styrene
Concen: 4.689 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.005 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion:104 Resp: 15510
Ion Ratio Lower Upper
104 100
78 53.9 43.6 65.4
103 56.4 43.6 65.4





#71

Bromoform

Concen: 4.309 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

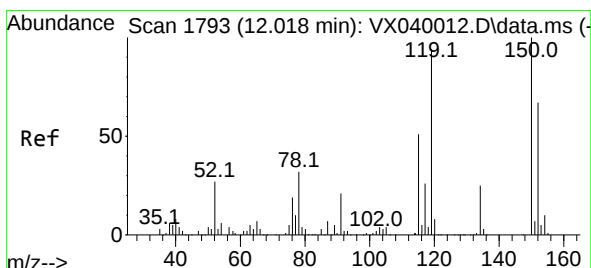
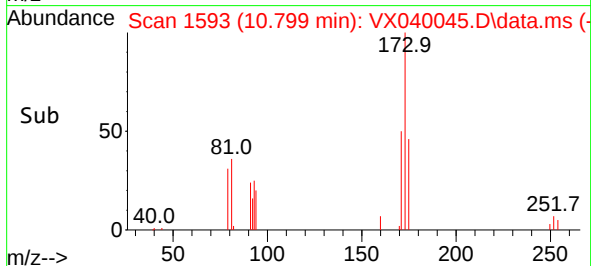
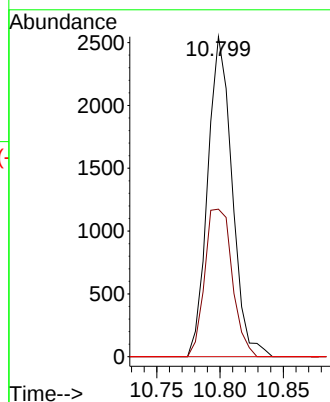
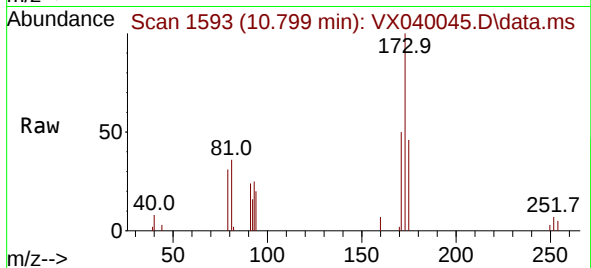
Tgt Ion:	173	Resp:	3414
Ion Ratio	Lower	Upper	
173	100		
175	52.0	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

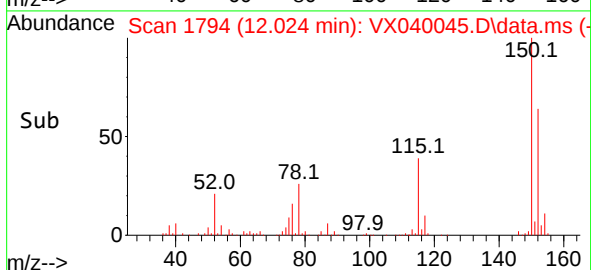
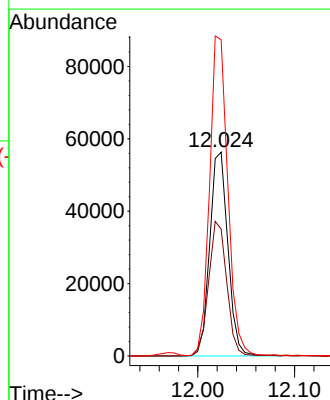
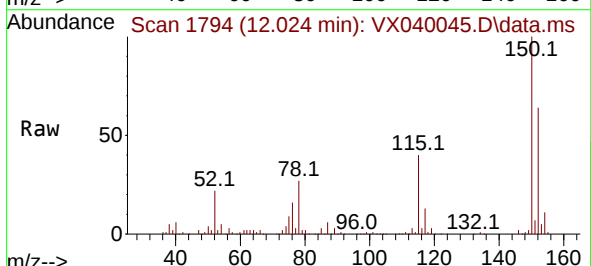
RT: 12.024 min Scan# 1794

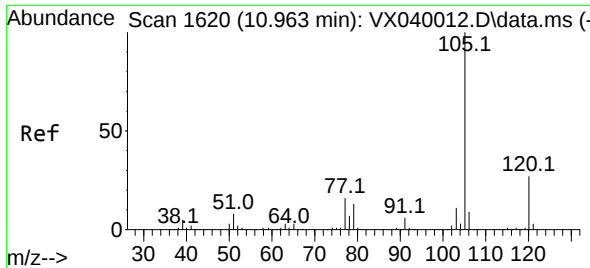
Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

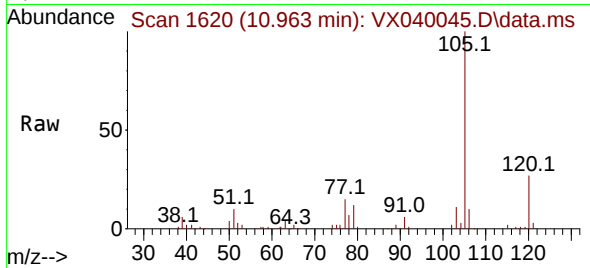
Tgt Ion:	152	Resp:	73565
Ion Ratio	Lower	Upper	
152	100		
115	66.2	43.3	129.9
150	158.2	0.0	345.0





#73
Isopropylbenzene
Concen: 4.893 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

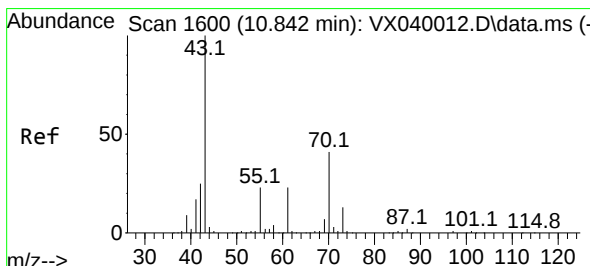
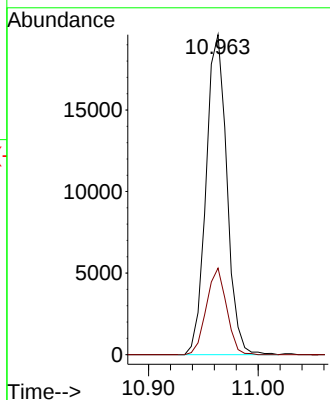
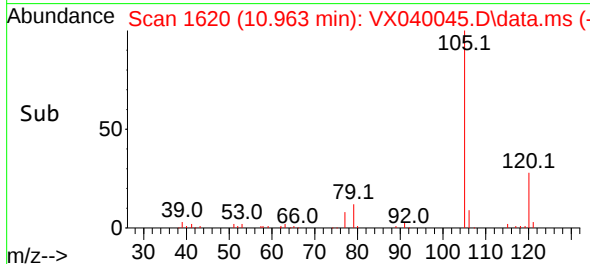
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



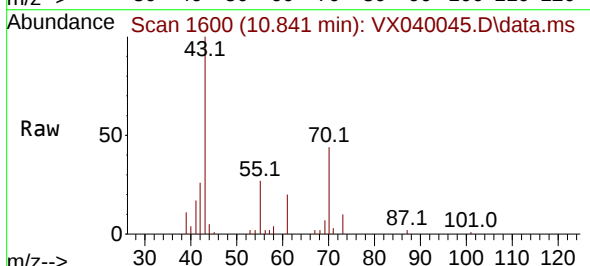
Tgt Ion:105 Resp: 25850
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

Manual Integrations
APPROVED

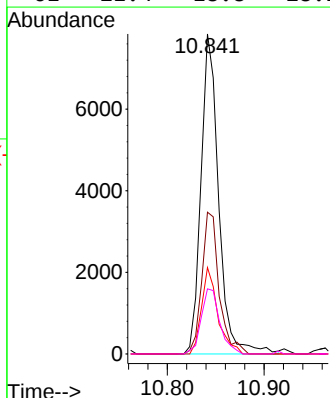
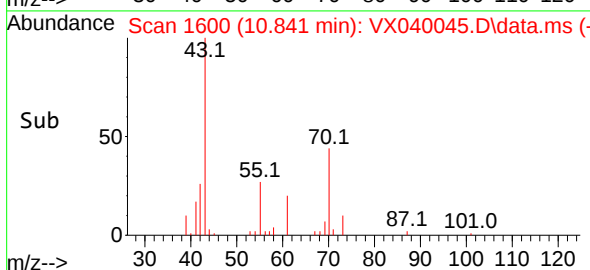
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

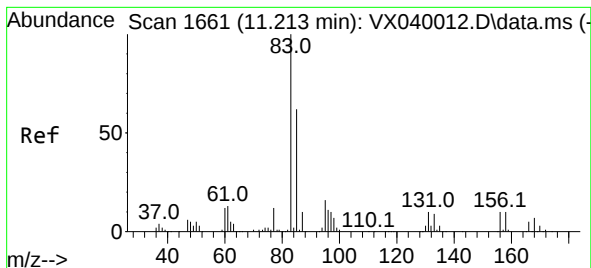


#74
N-ethyl acetate
Concen: 4.156 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58



Tgt Ion: 43 Resp: 9995
Ion Ratio Lower Upper
43 100
70 43.5 32.9 49.3
55 24.8 19.3 28.9
61 21.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 4.813 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

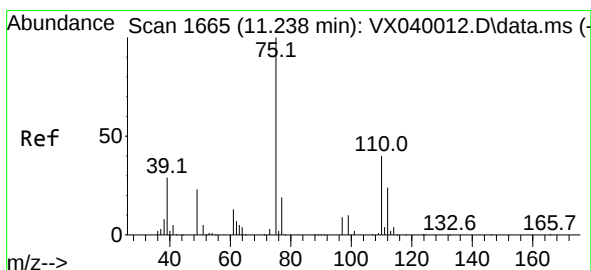
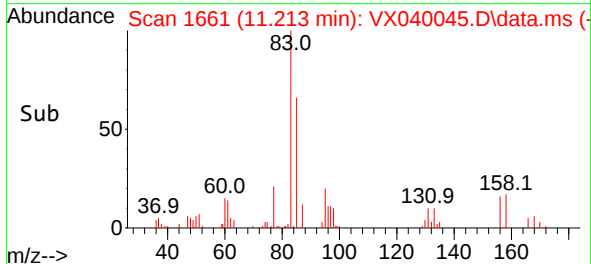
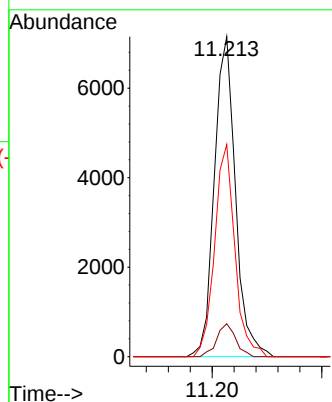
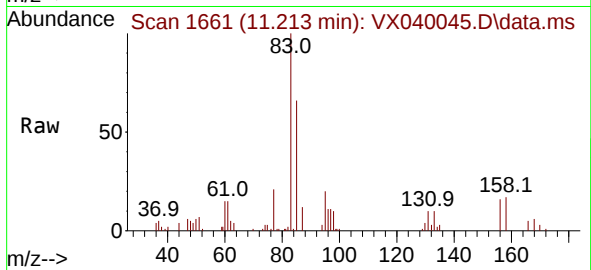
Tgt Ion: 83	Resp: 9558
Ion Ratio	Lower Upper
83 100	
131 9.3	5.3 15.8
85 63.6	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#76

1,2,3-Trichloropropane

Concen: 4.758 ug/l m

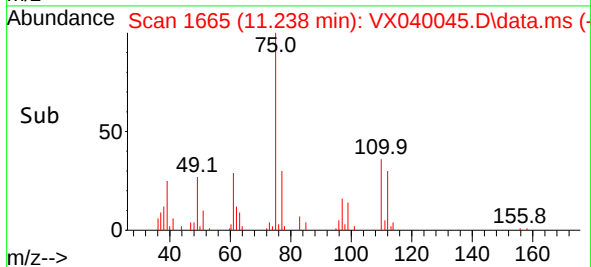
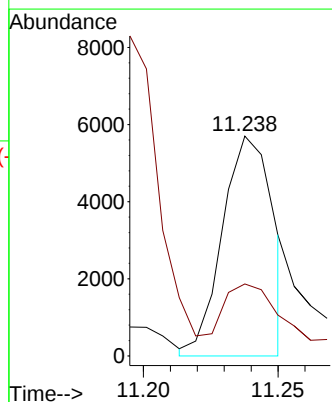
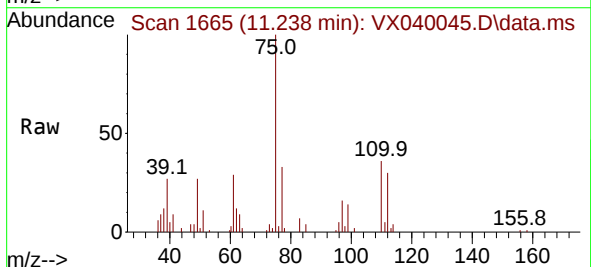
RT: 11.238 min Scan# 1665

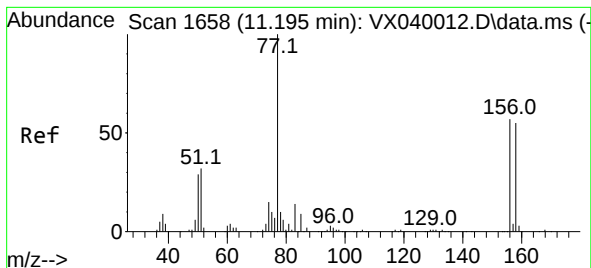
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion: 75	Resp: 7454
Ion Ratio	Lower Upper
75 100	
77 42.6	19.1 57.5





#77

Bromobenzene

Concen: 5.148 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

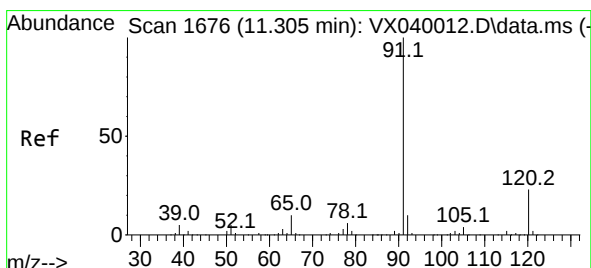
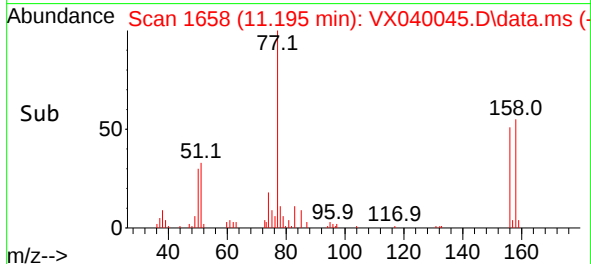
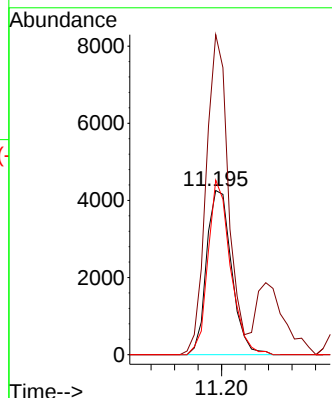
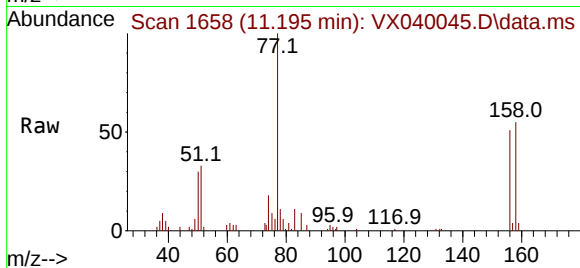
Tgt Ion:	156	Resp:	627
Ion Ratio	Lower	Upper	
156	100		
77	173.8	88.4	265.3
158	96.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 4.666 ug/l

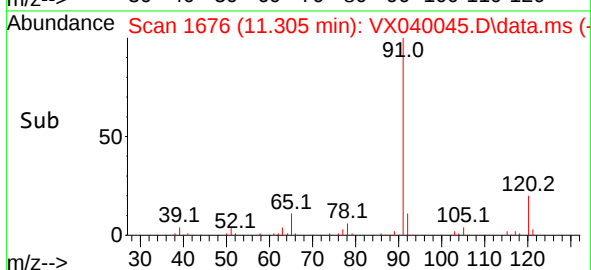
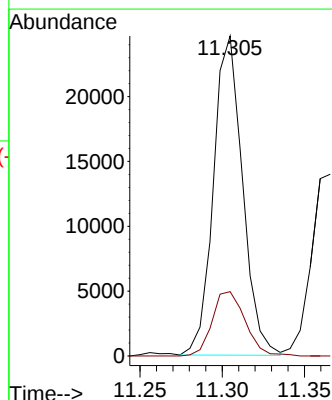
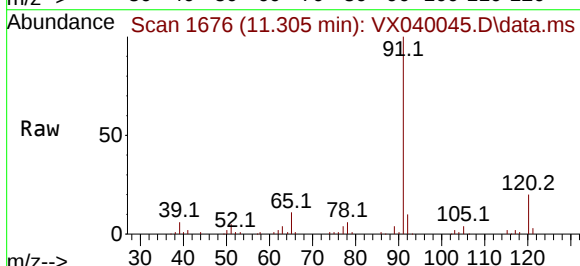
RT: 11.305 min Scan# 1676

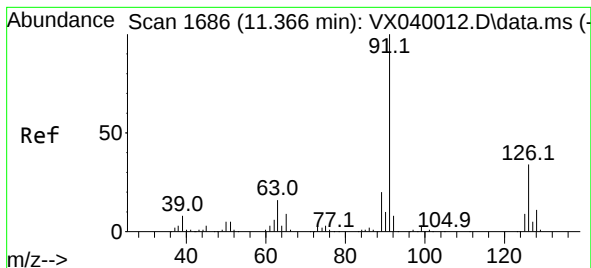
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion:	91	Resp:	30329
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 4.765 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

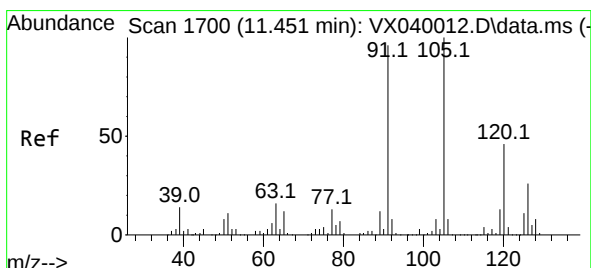
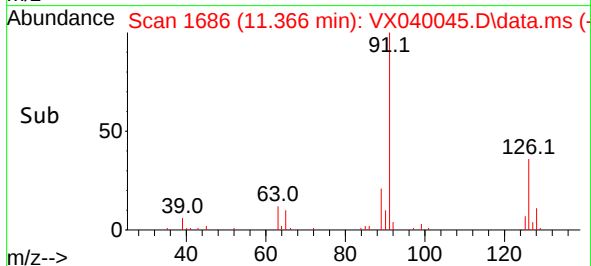
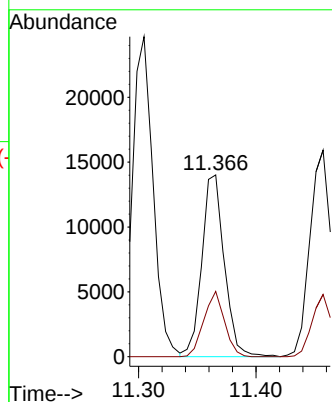
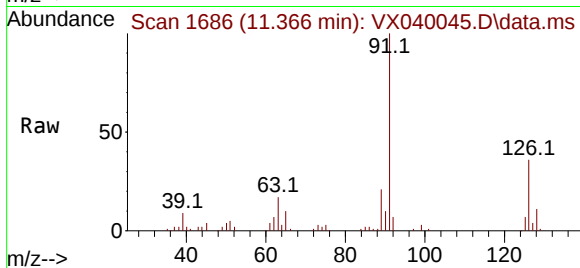
ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 1864
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.736 ug/l

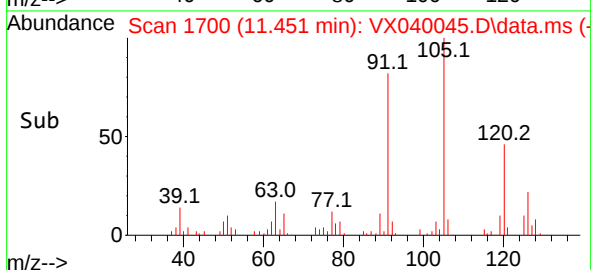
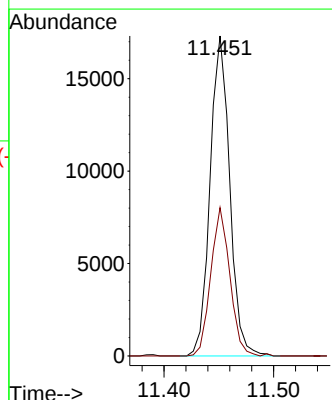
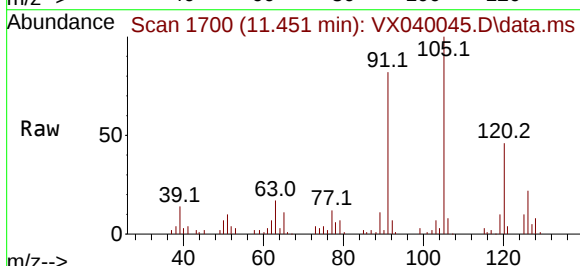
RT: 11.451 min Scan# 1700

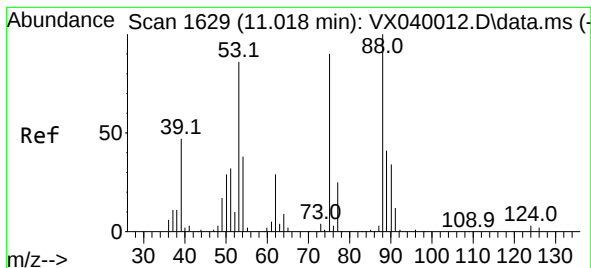
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

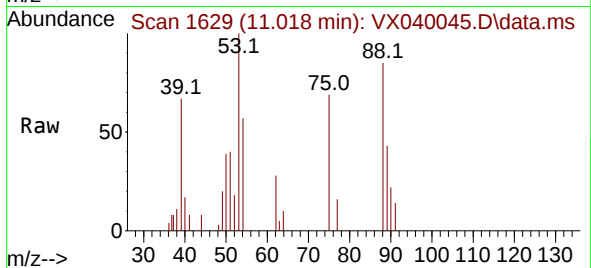
Tgt Ion:105 Resp: 21507
 Ion Ratio Lower Upper
 105 100
 120 45.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 3.170 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

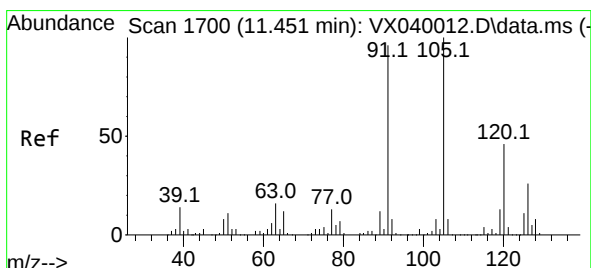
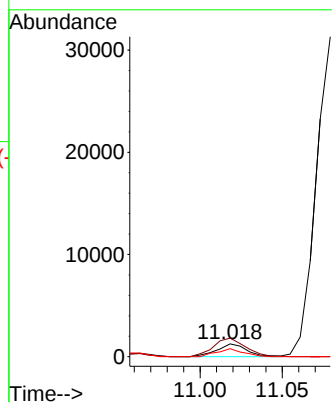
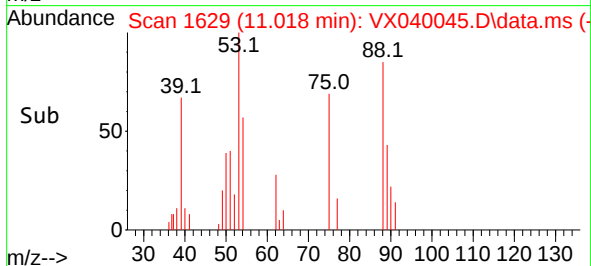
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 1594
Ion Ratio Lower Upper
75 100
53 154.1 90.5 135.7
89 55.0 36.9 55.3

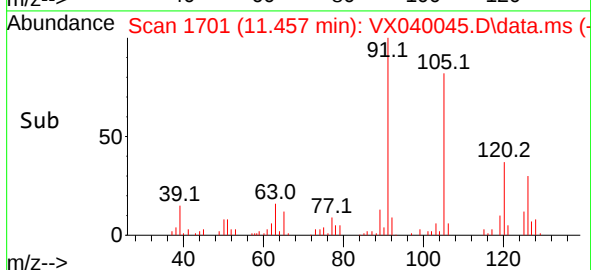
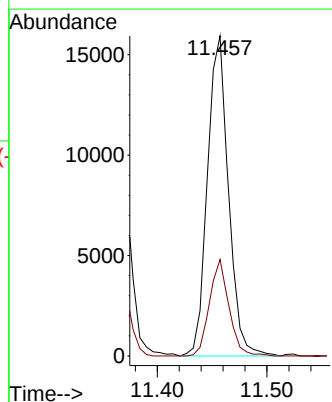
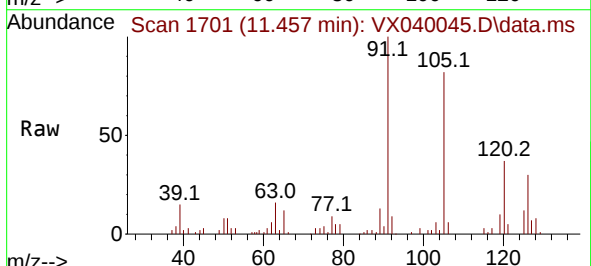
Manual Integrations
APPROVED

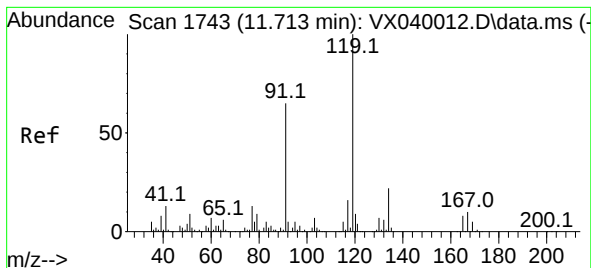
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#82
4-Chlorotoluene
Concen: 4.729 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 91 Resp: 21240
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.564 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

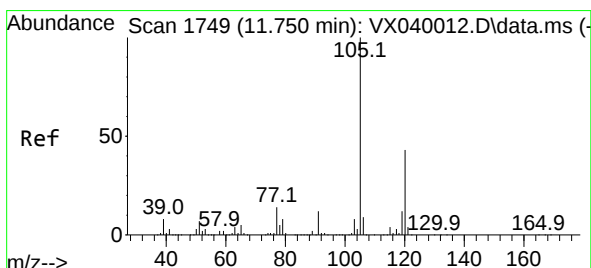
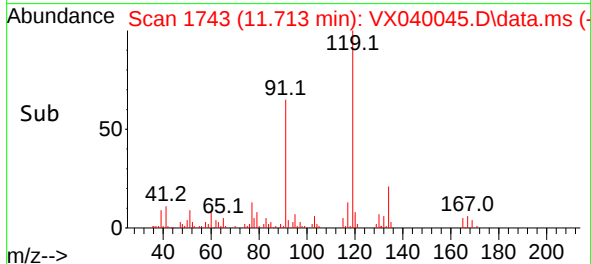
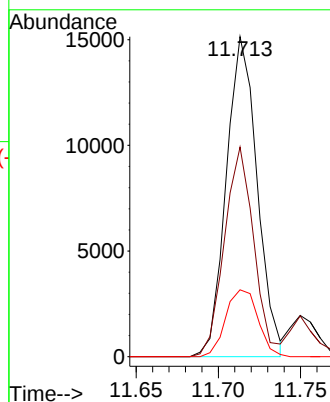
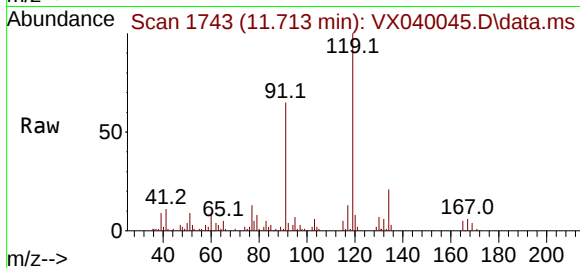
Tgt Ion:	119	Resp:	1983
Ion Ratio	Lower	Upper	
119	100		
91	62.5	31.2	93.6
134	21.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.774 ug/l

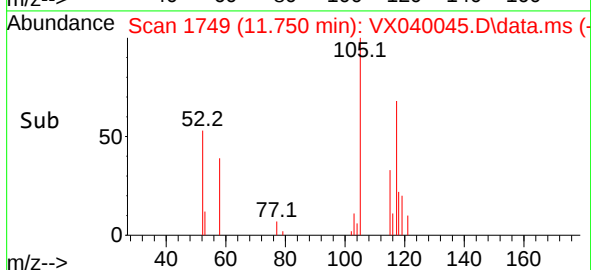
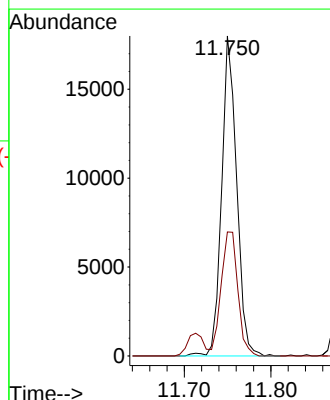
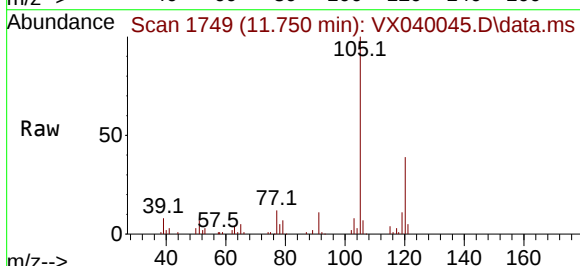
RT: 11.750 min Scan# 1749

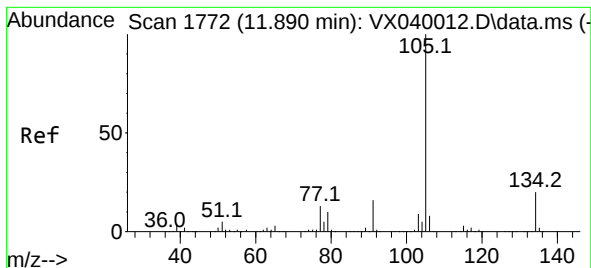
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Tgt Ion:	105	Resp:	21634
Ion Ratio	Lower	Upper	
105	100		
120	42.8	21.2	63.6





#85

sec-Butylbenzene

Concen: 4.440 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 2556

Ion Ratio Lower Upper

105 100

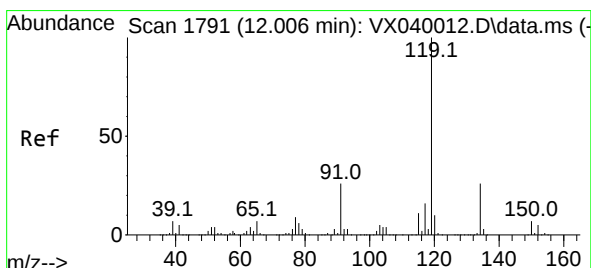
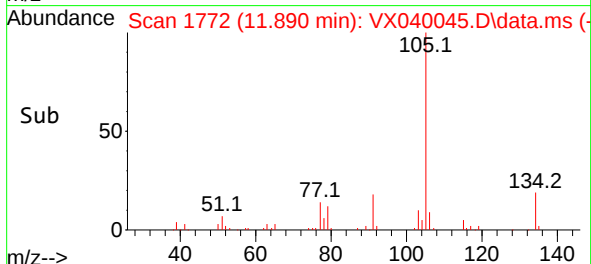
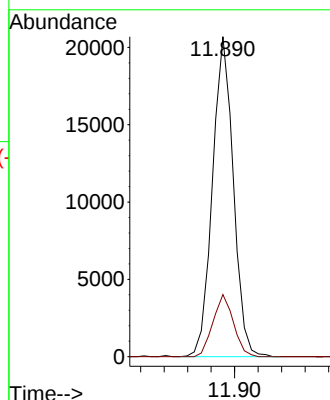
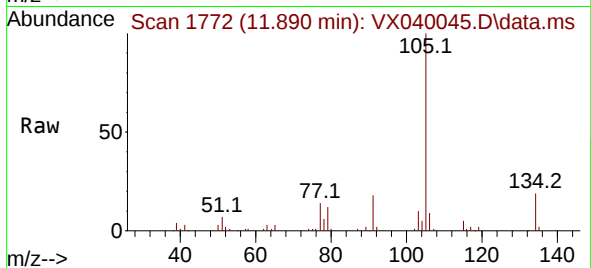
134 19.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#86

p-Isopropyltoluene

Concen: 4.466 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

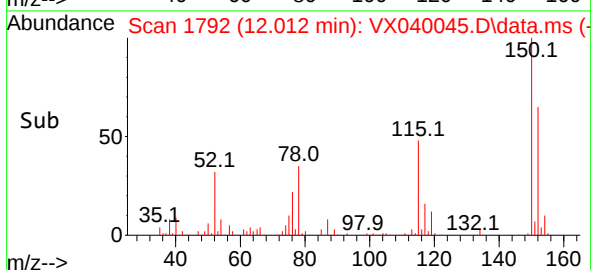
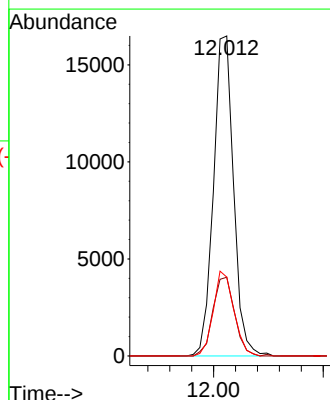
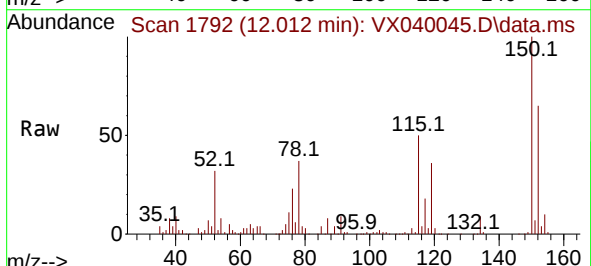
Tgt Ion:119 Resp: 20997

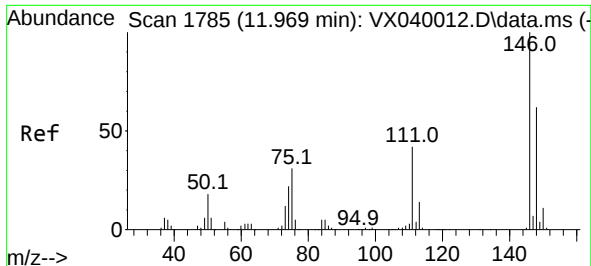
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 27.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.615 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040045.D

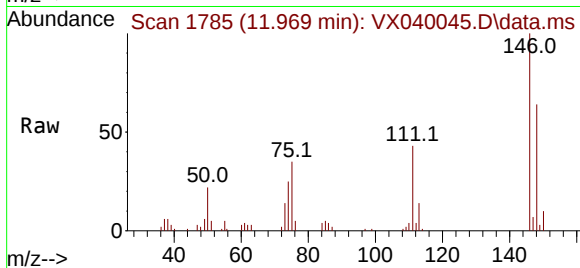
Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



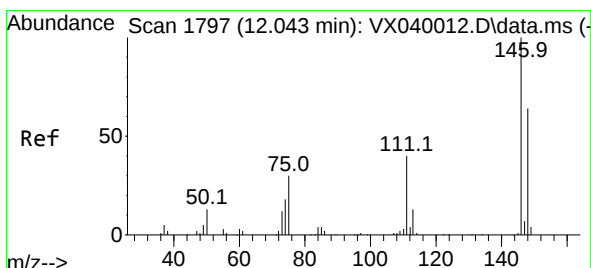
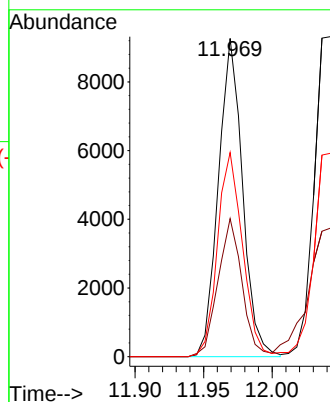
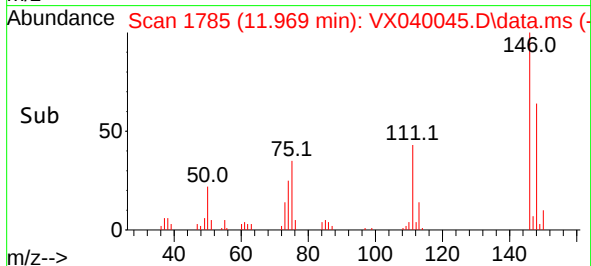
Tgt Ion:146	Resp:	11344
Ion Ratio	Lower	Upper
146	100	
111	43.3	22.1 66.1
148	66.3	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#88

1,4-Dichlorobenzene

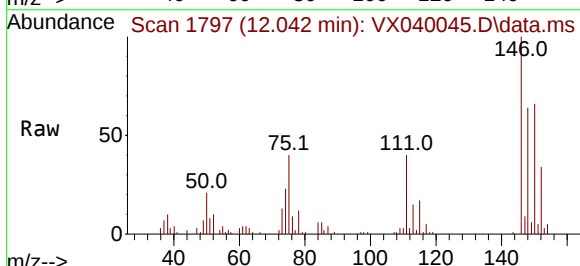
Concen: 5.147 ug/l

RT: 12.042 min Scan# 1797

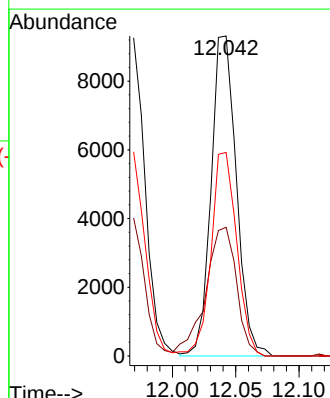
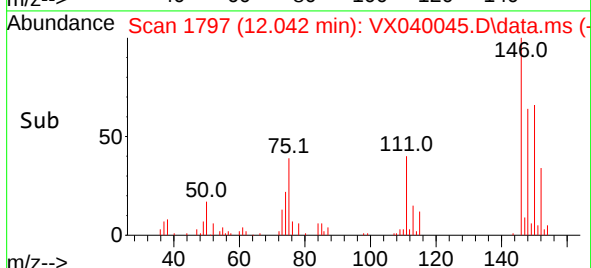
Delta R.T. -0.000 min

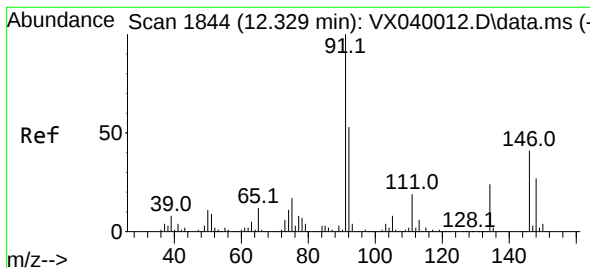
Lab File: VX040045.D

Acq: 31 Jan 2024 13:58



Tgt Ion:146	Resp:	12952
Ion Ratio	Lower	Upper
146	100	
111	49.4	21.3 63.7
148	65.0	31.8 95.4





#89

n-Butylbenzene

Concen: 4.458 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

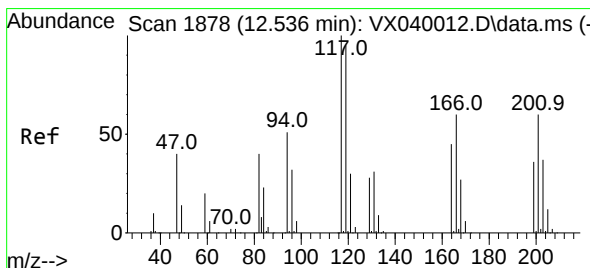
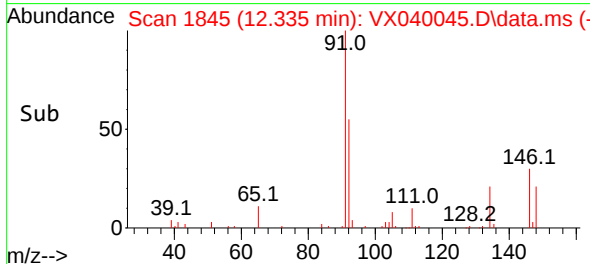
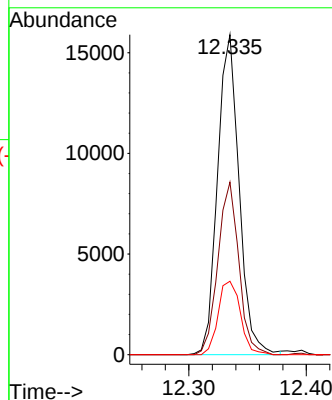
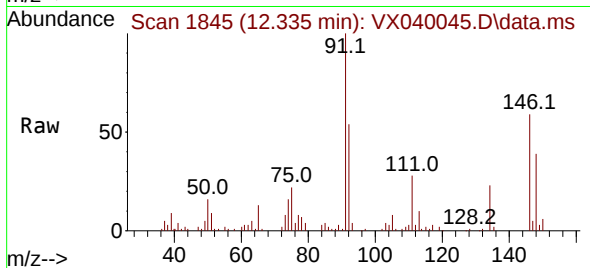
Tgt Ion: 91	Resp: 20340
Ion Ratio	Lower Upper
91	100
92	52.2 27.4 82.0
134	23.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#90

Hexachloroethane

Concen: 4.376 ug/l

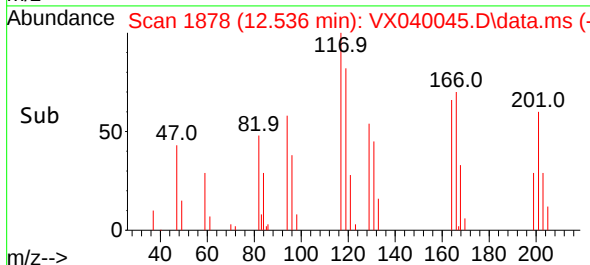
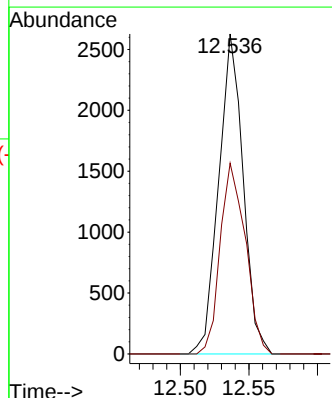
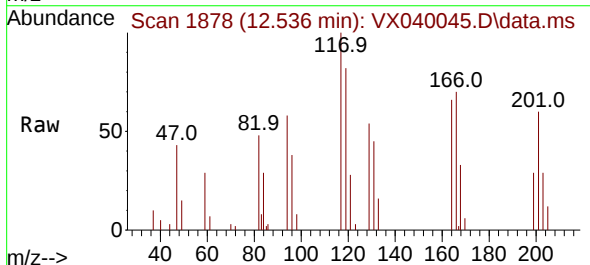
RT: 12.536 min Scan# 1878

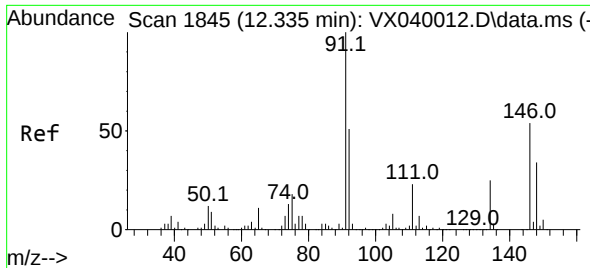
Delta R.T. 0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

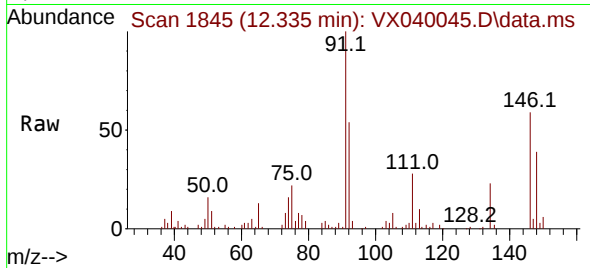
Tgt Ion:117	Resp: 3251
Ion Ratio	Lower Upper
117	100
201	61.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.147 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

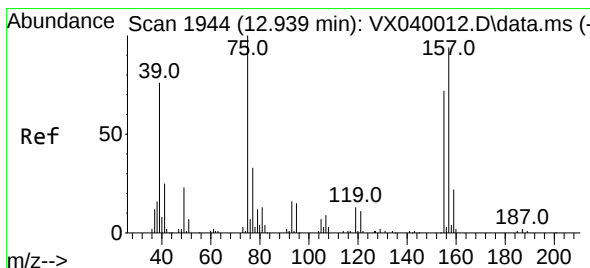
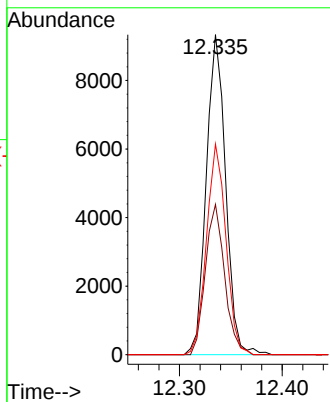
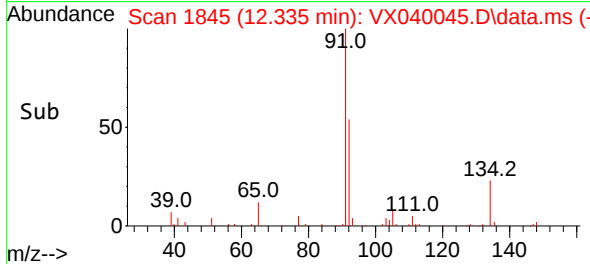
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:146 Resp: 12200
Ion Ratio Lower Upper
146 100
111 47.0 22.4 67.0
148 66.1 31.6 95.0

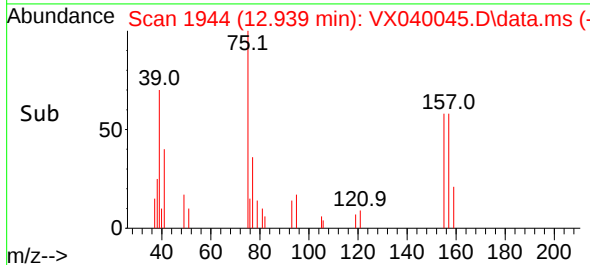
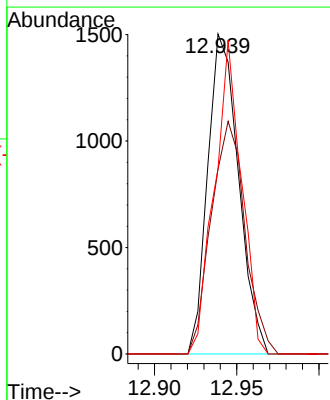
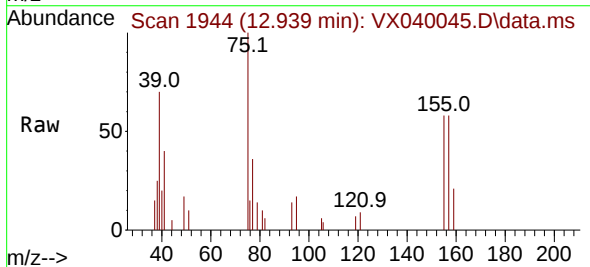
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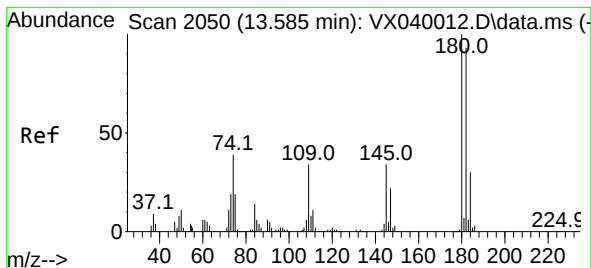
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.343 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

Tgt Ion: 75 Resp: 1955
Ion Ratio Lower Upper
75 100
155 79.8 36.1 108.5
157 86.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.448 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

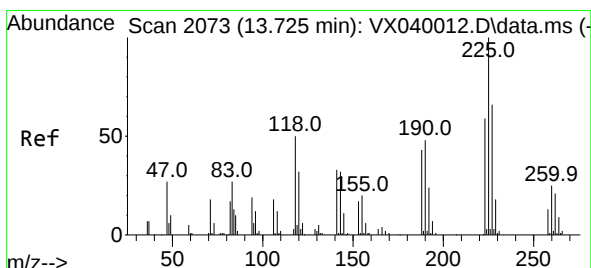
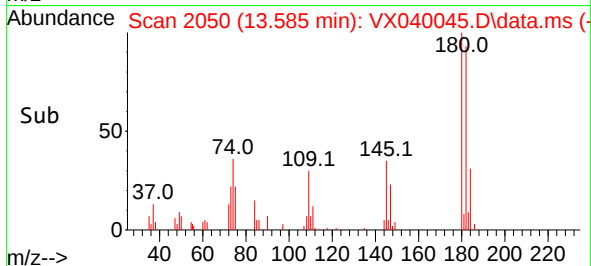
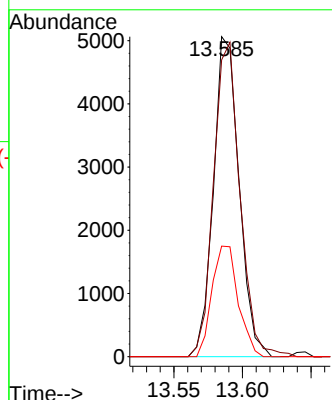
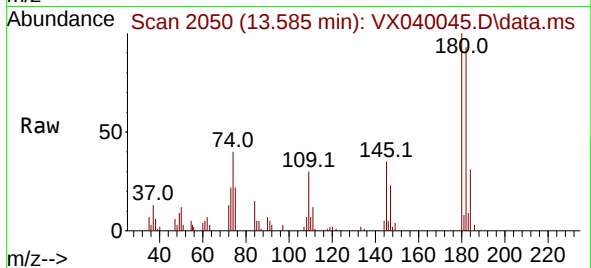
Tgt Ion:180	Resp:	659
Ion Ratio	Lower	Upper
180	100	
182	100.9	48.3 144.8
145	35.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#94

Hexachlorobutadiene

Concen: 4.648 ug/l

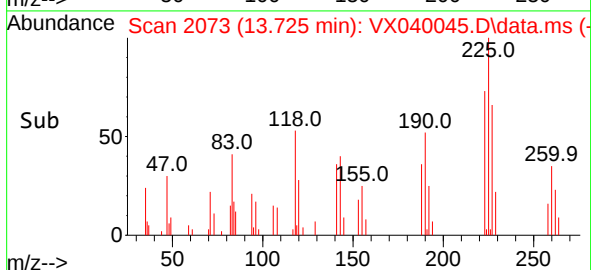
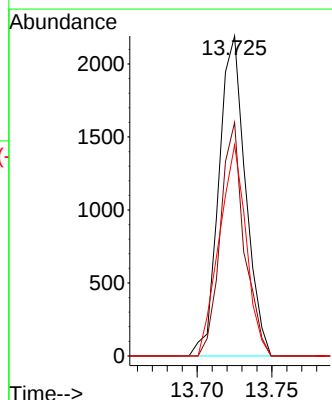
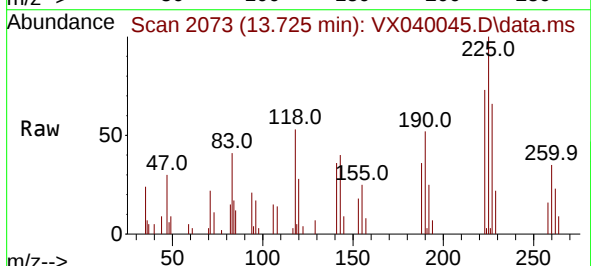
RT: 13.725 min Scan# 2073

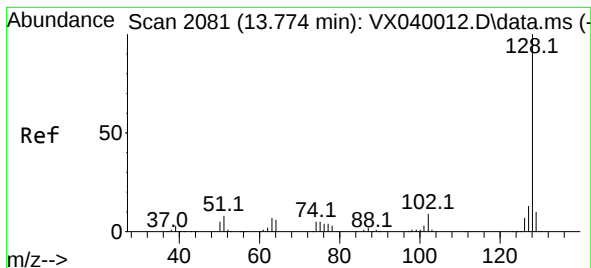
Delta R.T. -0.000 min

Lab File: VX040045.D

Acq: 31 Jan 2024 13:58

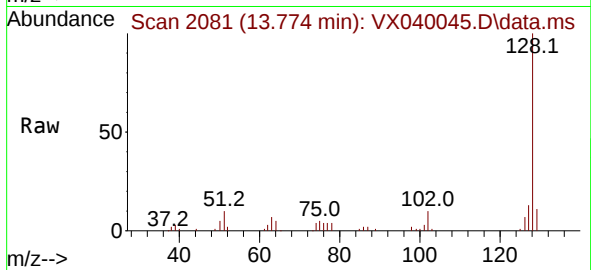
Tgt Ion:225	Resp:	2713
Ion Ratio	Lower	Upper
225	100	
223	65.3	31.1 93.2
227	66.6	32.5 97.5





#95
Naphthalene
Concen: 4.277 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58

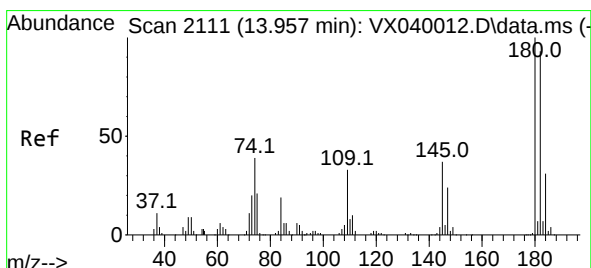
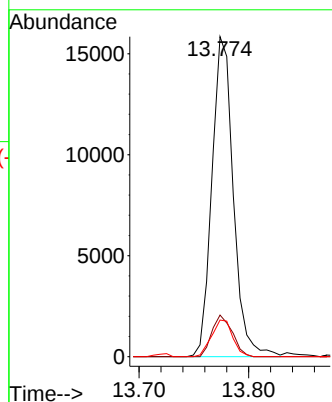
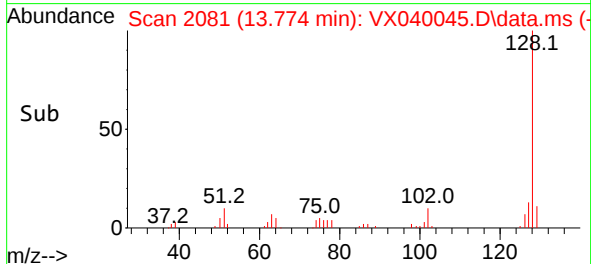
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



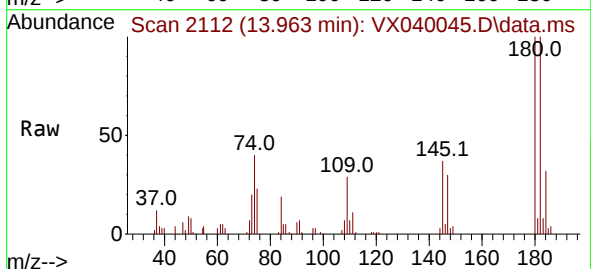
Tgt Ion:128 Resp: 21524
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.603 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040045.D
Acq: 31 Jan 2024 13:58



Tgt Ion:180 Resp: 6743
Ion Ratio Lower Upper
180 100
182 98.0 46.9 140.6
145 35.6 17.8 53.5

